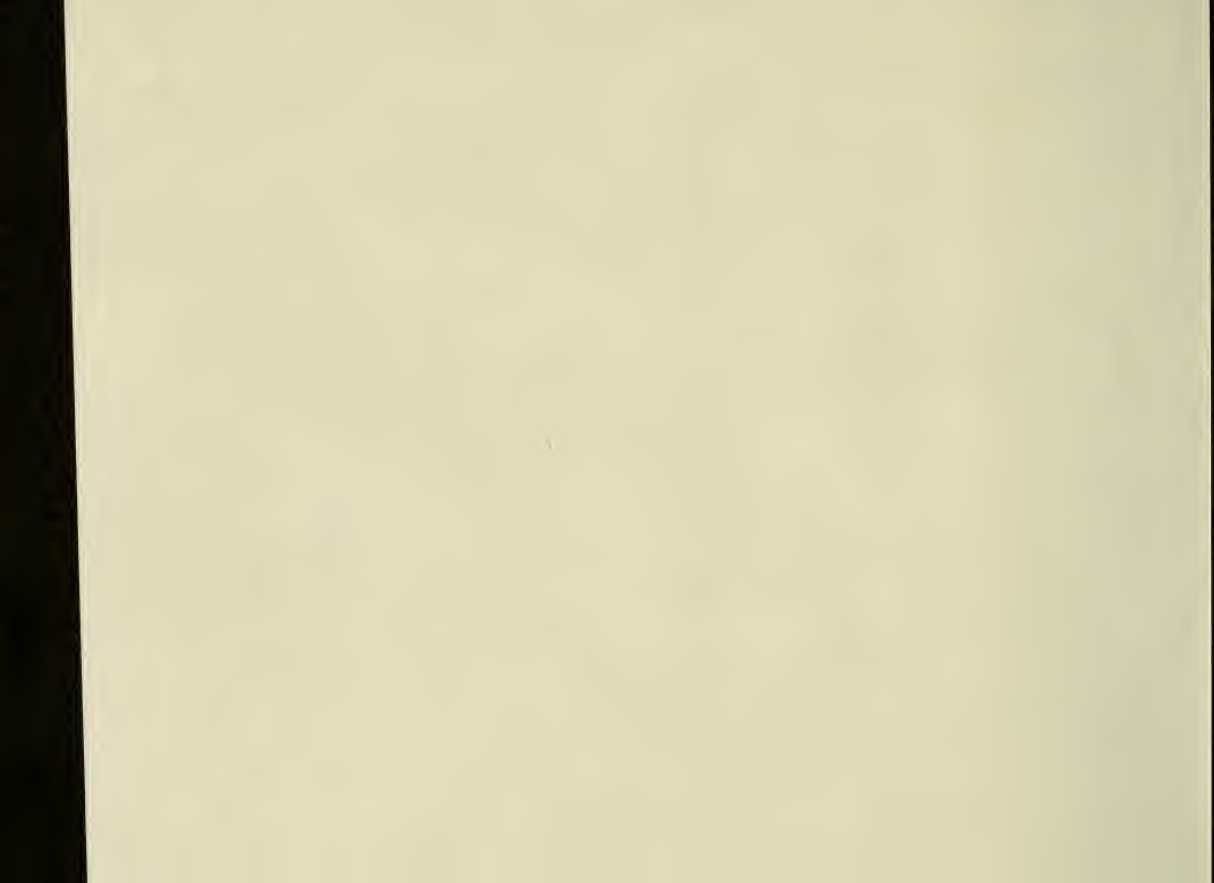


TS 2033

.S9























1  
L.C.  
Studebaker

SOUVENIR.



✓

ILLUSTRATED SOUVENIR  
OF THE  
STUDEBAKER BROTHERS MFG. CO.  
SOUTH BEND, INDIANA, U. S. A.

. . . . .

OFFICERS OF THE COMPANY:

CLEM STUDEBAKER, PRESIDENT.

J. M. STUDEBAKER, VICE-PRESIDENT.

P. E. STUDEBAKER, 2ND VICE-PRES. AND TREAS.

GEORGE M. STUDEBAKER, SECRETARY.

BRANCH HOUSES: { CHICAGO, NEW YORK, SAN FRANCISCO, KANSAS CITY,  
PORTLAND, OREGON, SALT LAKE, UTAH,  
ST. JOSEPH, MO.



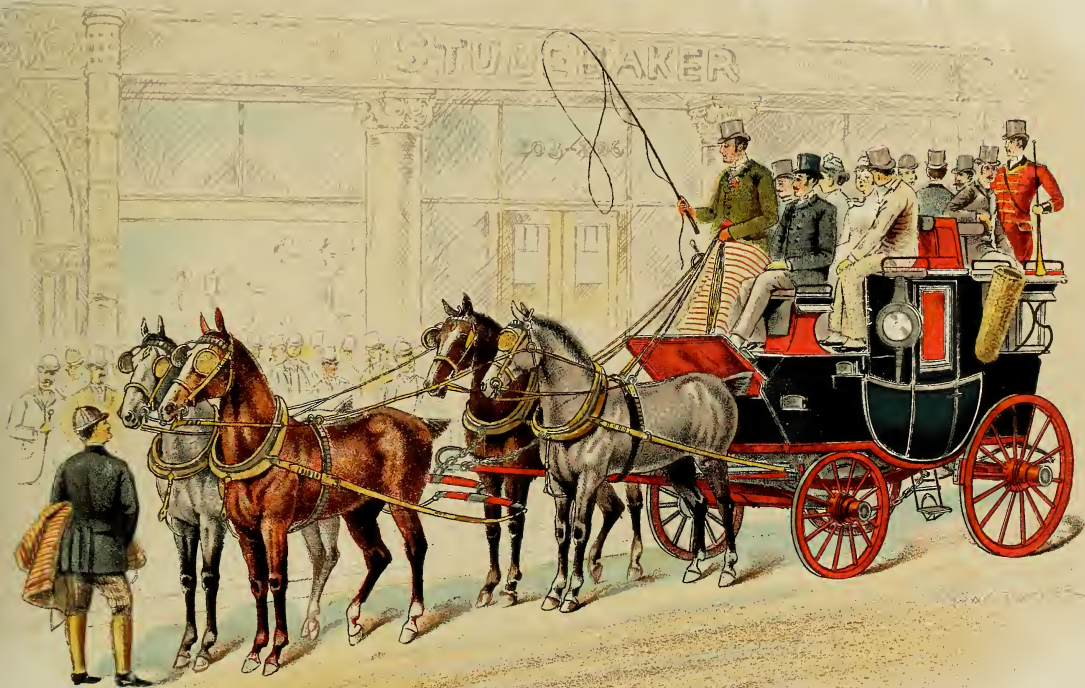
23999 Y1

TS2 033  
S9

Entered according to act of Congress, in the year 1893,  
by Studebaker Bros. Mfg. Co., in the office of the Librarian  
of Congress, at Washington.



GIES & COMPANY,  
LITHOGRAPHERS AND PRINTERS,  
BUFFALO, N. Y., U. S. A.



FOUR-IN-HAND COACH.







TANDEM CART.





IT IS NOT THE PURPOSE of this work to undertake the story of the vehicle concern known as the Studebaker Bros. Mfg. Co. through the medium of cold type. The idea of the book is to tell the story by a few characteristic illustrations. We represent the magnitude of the business by cuts showing the factories as a whole. We convey to the mind some conception of the process by which vehicle making is accomplished by the interior views presented. We offer to the quick apprehension of those who turn these pages some understanding of the preparation required in making carriages and wagons, by faithful engravings of our lumber yards and open-air dry sheds; and, lastly, we bring before the mind's eye, in artistically-executed pictures, the finished products to which these works are devoted. And yet it may not be inappropriate to introduce this panorama of sketches and engravings with a few facts and figures to satisfy those who, possessing this souvenir, may chance to be exacting in the matter of specific information.

The present firm of Studebaker Bros. Mfg. Co. commenced business in a small shop for shoeing horses and doing repair work in South Bend, in February, 1852. A few tools and cash to the amount of sixty-eight dollars constituted the outlay of capital. The father of the Studebaker brothers, at the first Studebaker wagon shop in Ashland, Ohio, had taught them his trade. During the first year of their busi-

ness in South Bend, two wagons were made; the annual product now is about fifty thousand vehicles. The growth of the business was naturally at first slow. Twelve years found them making a few wagons, but struggling hard for recognition away from home. In 1857 a contract for wagons for the use of the United States troops in Utah gave them their first substantial upward impetus. They had gained recognition abroad! They were quick to make the most of every advantage, and ground once gained was never afterwards lost. They were chartered as a stock company in 1868, and the force of workmen increased year by year, growing, seemingly, almost by natural accretions, until the force, including some hands employed at the various branches of the company, has reached a total of 1,860 men.

While the construction of vehicles by the Studebakers was at first confined to wagons, they very early in the history of the company engaged also in carriage making, especially of the medium and high grades of this work. The illustrations will show the factory buildings employed in the production of the leading kinds of vehicles made by this company. In carriages these embrace every variety in common use, for pleasure or road driving, from the state landau of a president, down. In wagons, the variety is equally great, covering those in demand not only for the farm, but the mountain, the mine, the plain, and the infinite variety demanded for business use in cities. The works also contain departments for the manufacture

of steel skeins, cast skeins, the Studebaker patent veneer buggy and wagon seats, veneer dashes and fenders. A very important branch of the wagon works is also devoted to the manufacture of street sprinklers, for which the Studebaker company have become known the country over.

The factory and warerooms of the company in Chicago fitly speak for themselves in the illustration presented. The carriage display at that house is, perhaps, unequaled by that of any single concern in the world. The upper floors of the Chicago building are used for the manufacture of the finer and more expensive grades of carriage work, and for fine carriage repairing. Itself one of the notable buildings of Chicago, it is surrounded on the one hand by the famed Auditorium, and, on the other, by the Chicago Club building, formerly the Art Institute.

The vehicles made by this firm, sent for exhibition to the World's Fair, undoubtedly comprise the most varied and beautiful collection ever offered for a display of this kind by a single firm. Money was lavishly used in the purchase and preparation of the material, and everything that skill and taste combined could suggest, was employed without stint.

STUDEBAKER BROS. MFG. CO.,

South Bend, Indiana, U. S. A.

## STATISTICAL.

---

Wagon works and lumber yards occupy 95 acres.

Number of stationary engines in daily use, 16.

Capacity of horse-power, 2500.

Horse-power of boilers, 3000.

Number of arc lamps used in factory, 260.

Number of steam pumps, 25.

Number of iron-working machines, 288.

Miscellaneous machines, 75.

Number of feet of line shafting, 6000.

Number of pulleys on line shaft, 1000.

Number of feet of lumber used in 1892, 16,000,000.

Employees in machine shop to keep machines in proper order, 72 men.

Actual floor surface of all factories, 40 acres.

Horse-power in daily use, 1550.

Number of boilers in daily use, 20.

Number of dynamos in daily use, 15.

Number of incandescent lamps used in factory, 300.

Number of wood-working machines, 344.

Number of elevators, 25.

Total number of machines, 808.

Number of feet of belting, 37,000.

Aggregate length of all the belting, over 7 miles.

Number of feet of lumber on hand, 48,000,000.

STUDEBAKER BROS. MFG. CO.,

South Bend, Indiana, U. S. A.





CLEM STUDEBAKER  
PRESIDENT



J.M. STUDEBAKER  
VICE PRESIDENT



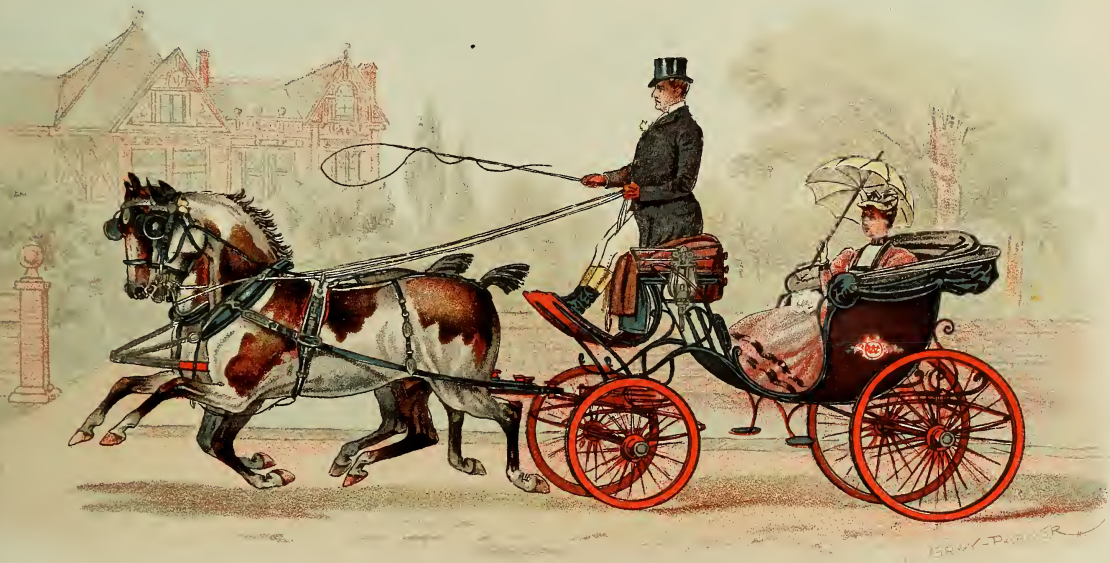
P.E. STUDEBAKER  
SECOND VICE PRESIDENT  
& TREASURER











VICTORIA.





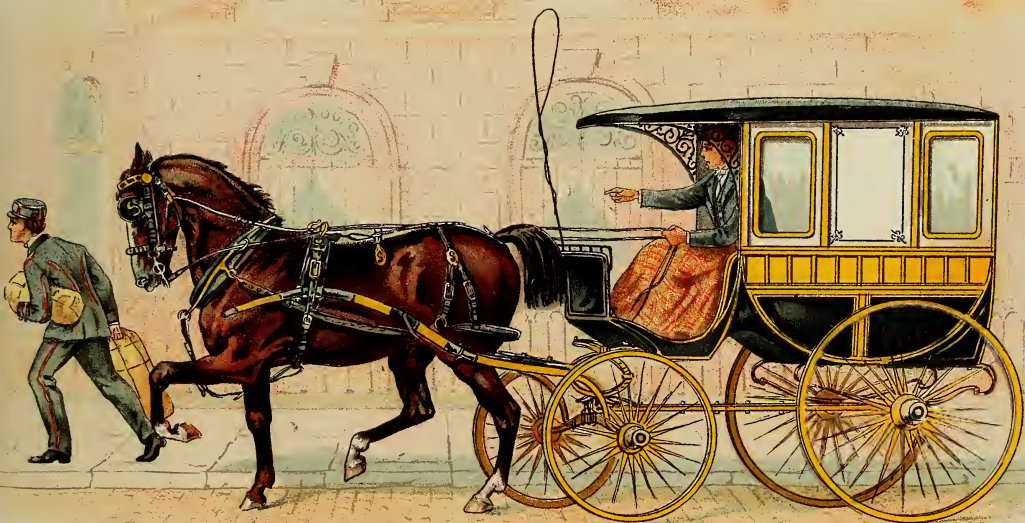


GIES & CO  
BUFFALO



GIES & CO  
BUFFALO





GRAY-PARKER

STUDERAKER FANCY PARCEL WAGON







STUDEBAKER SPRING VEHICLE WORKS.

G. W. & C.  
P. 1881



*South Bend Carriage Works*





W. AY-POWER

LANDAU





# South Bend Show-Rooms.



Glen Co.  
Bent

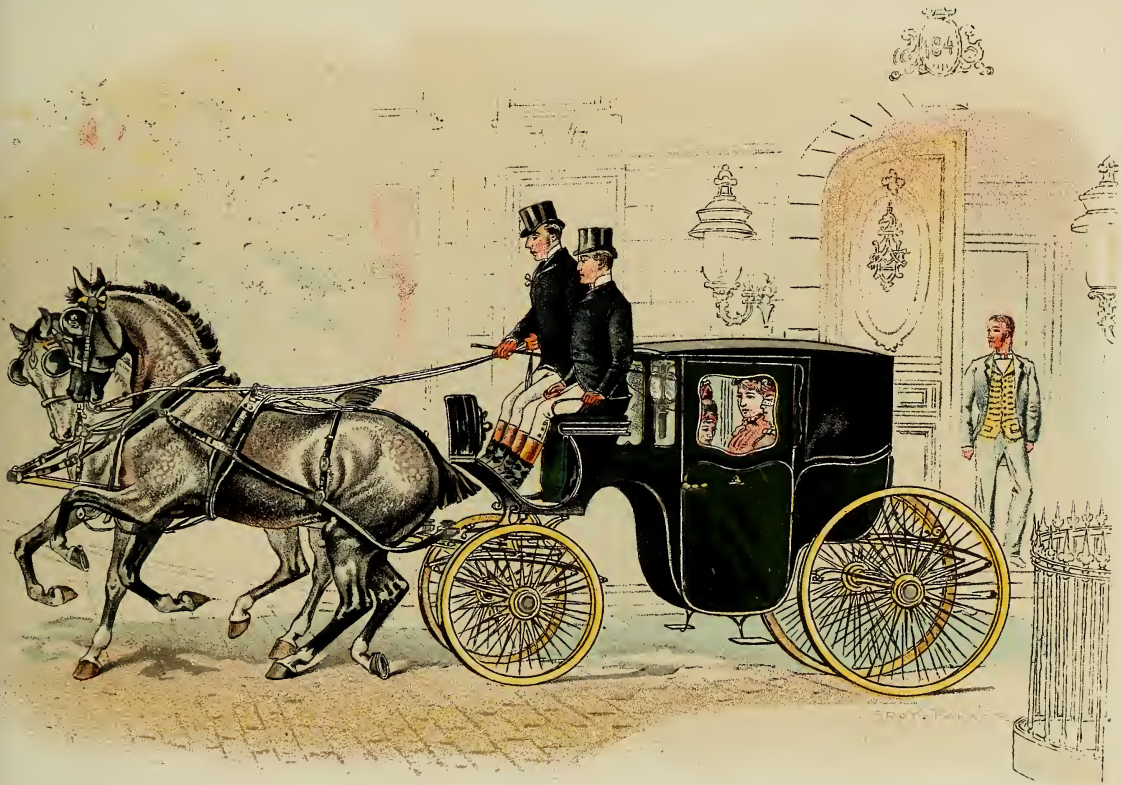


STUDEBAKER BROS.  
MFG. CO.  
Chicago.

GIES CO.  
BUFFALO

OFFICE  
SALESROOM





EXTENSION-FRONT BROUGHAM.

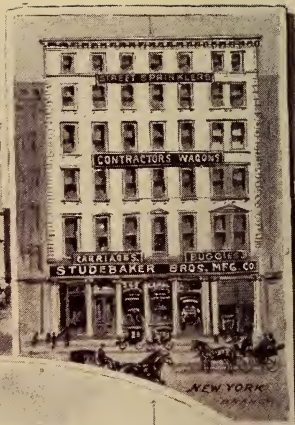




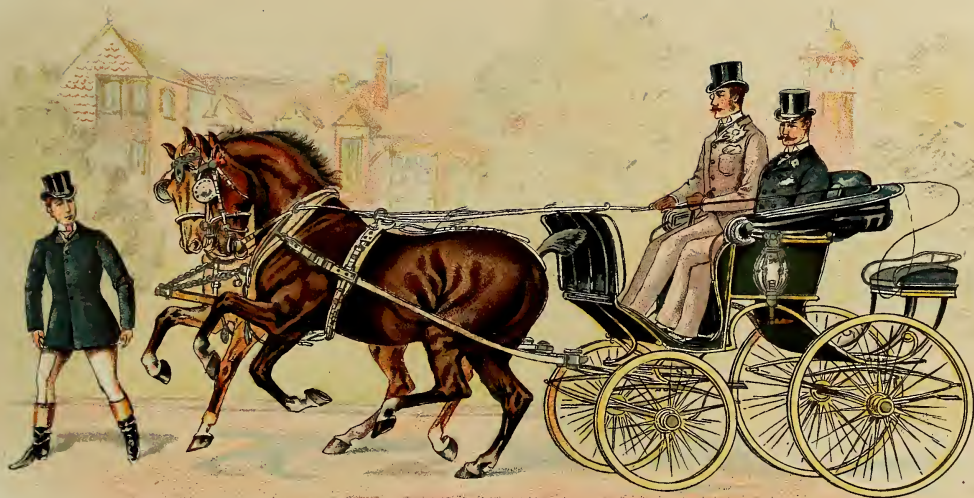
STUDEBAKER BROS. MFG. CO.  
CHICAGO.

GIES CO.  
DULUTH









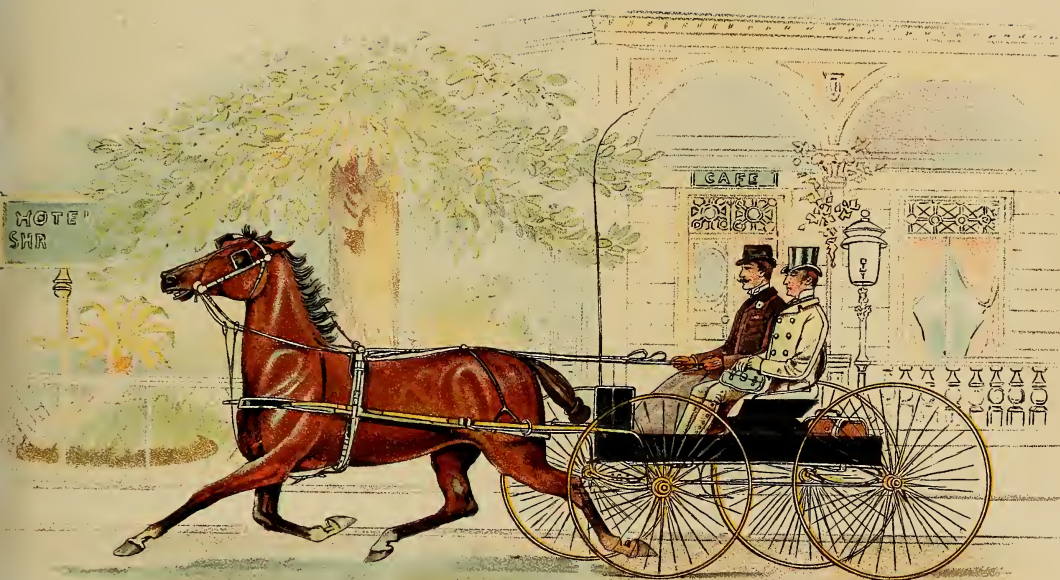
SPIDER PHAETON.





ROAD WAGON.





RUNABOUT.



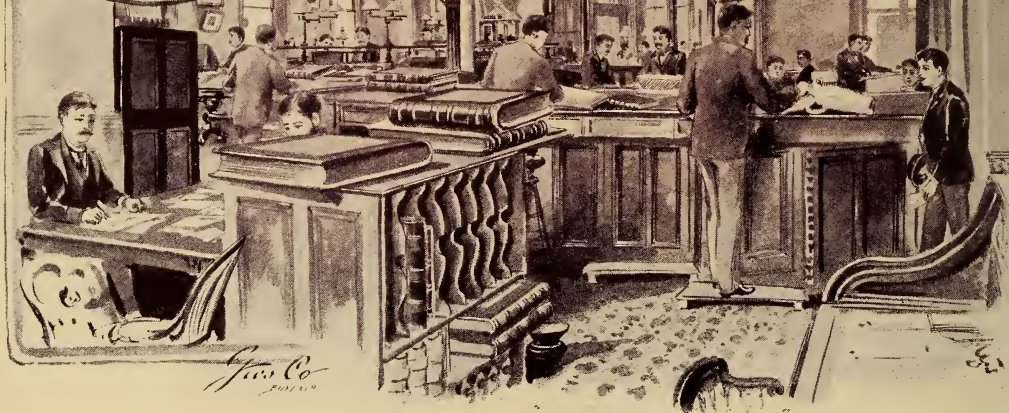




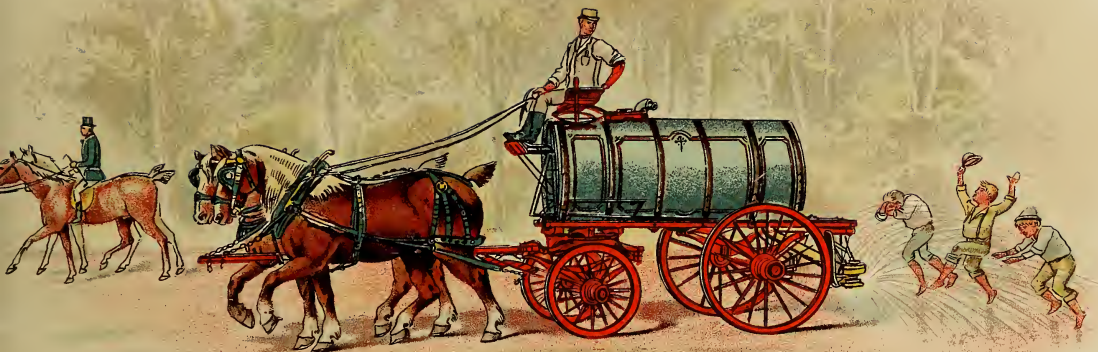
STUDEBAKER CO. BUFFALO

STUDEBAKER  
GENERAL OFFICE

*South Bend, Ind.*







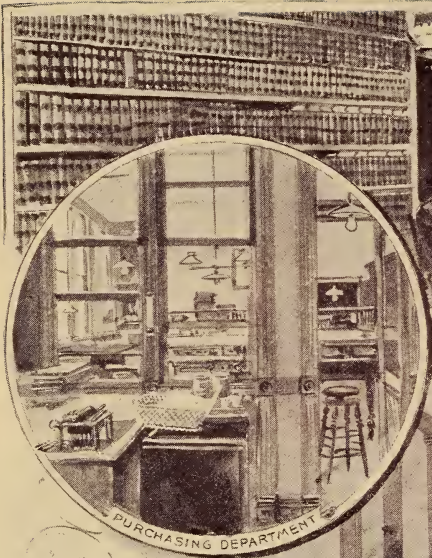
STUDEBAKER PATENT STREET SPRINKLER.

No. 252.









PURCHASING DEPARTMENT

STUDEBAKER  
GENERAL OFFICES  
SOUTH BEND,  
IND.

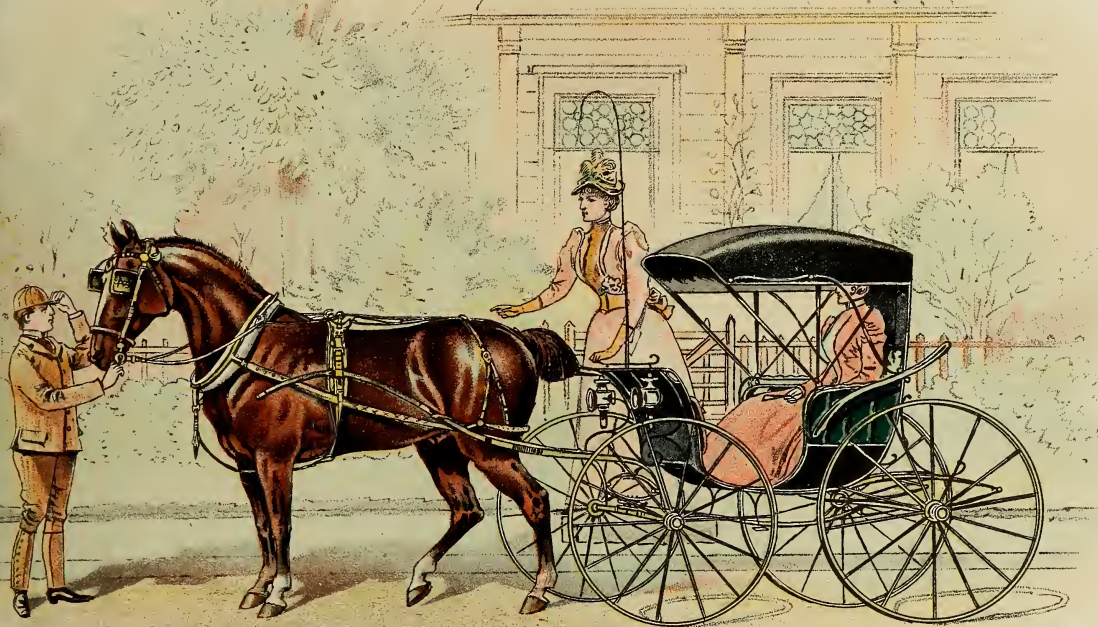


LEGAL  
DEPARTMENT



ADVERTISING  
DEPARTMENT

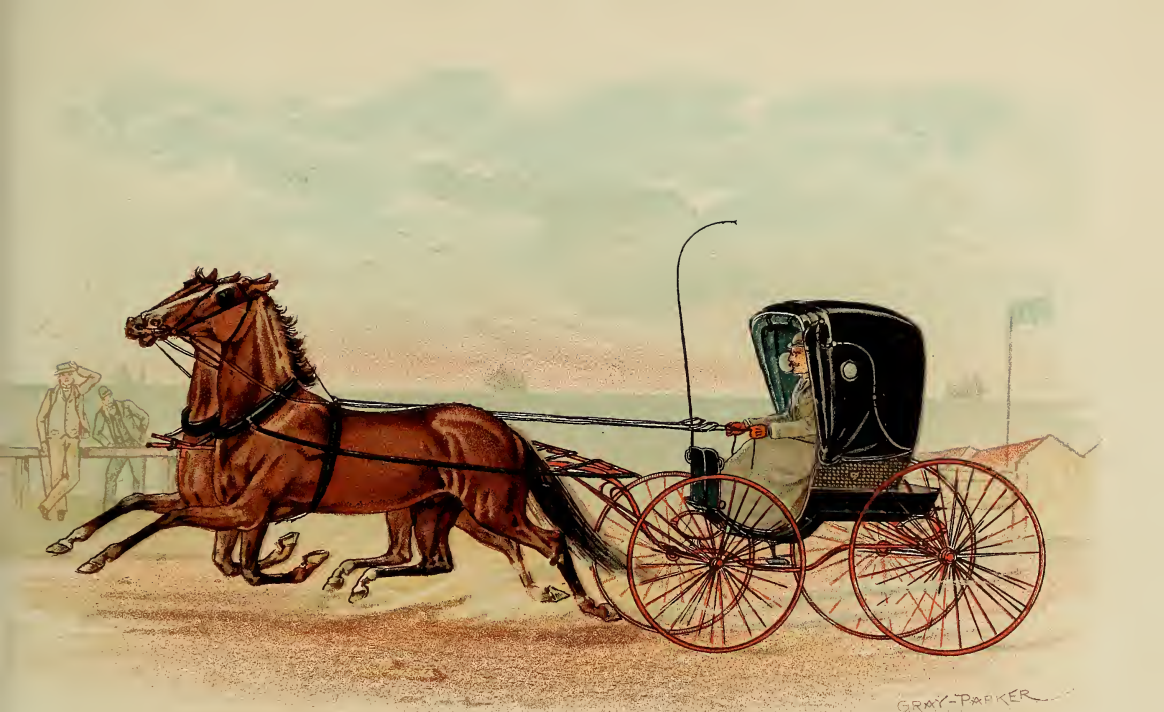
GIES CO



GRIFFIN

QUEEN PHAETON.

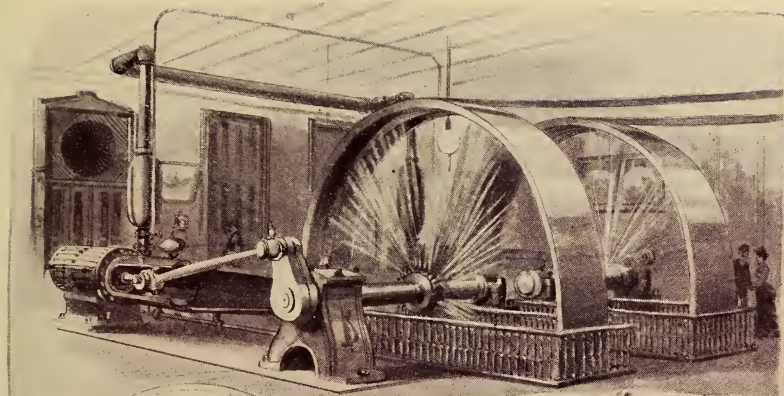




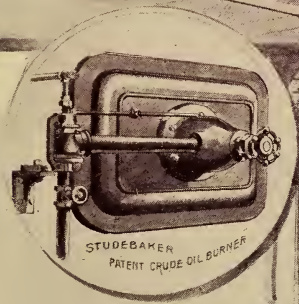
GODDARD BUGGY.



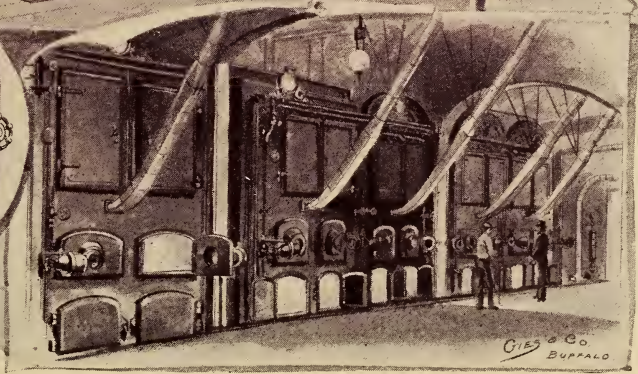




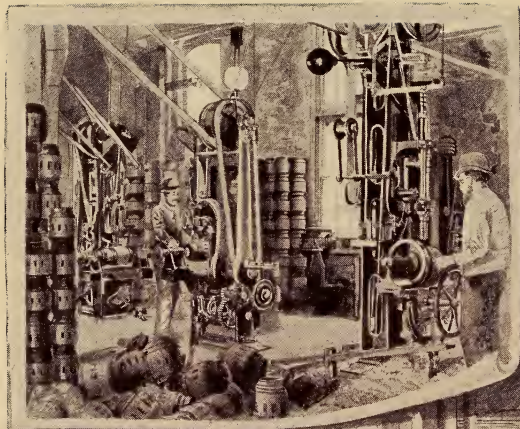
STUDEBAKER  
WAGON DEPARTMENT  
ENGINE & BOILER  
ROOMS.



STUDEBAKER  
PATENT CRUDE OIL BURNER



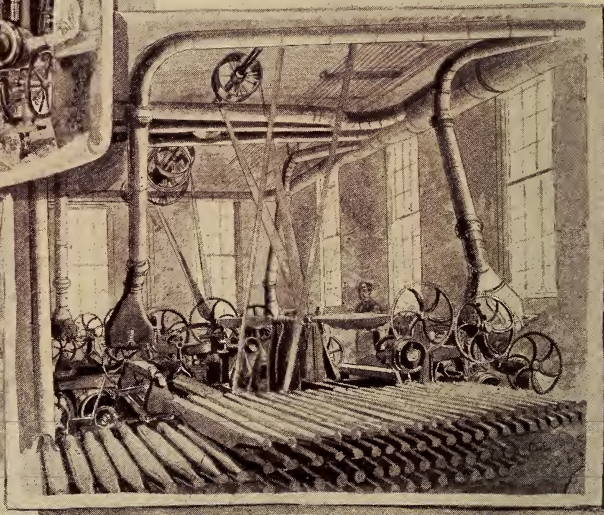
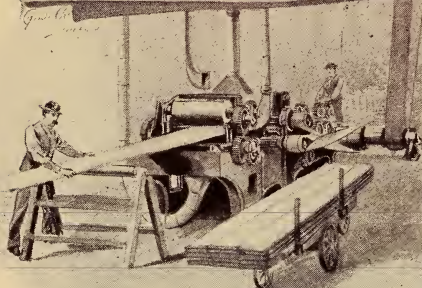
GIES & CO.  
BUFFALO



STUDEBAKER

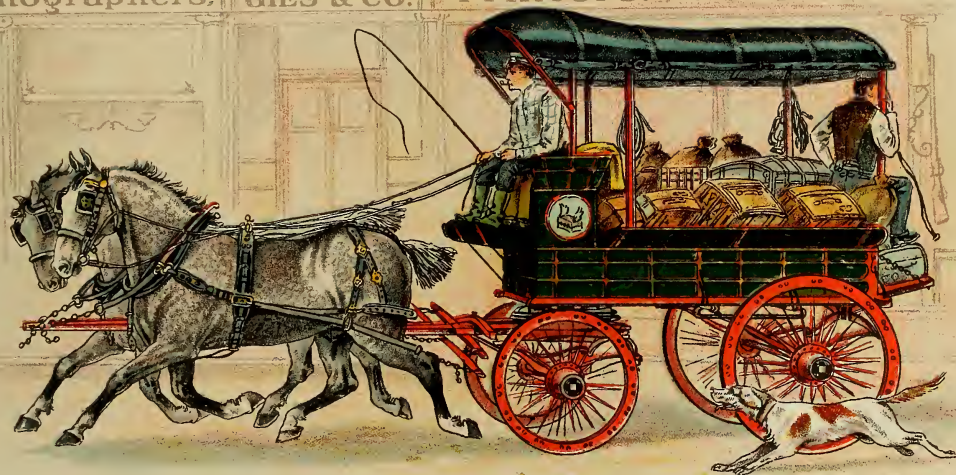
WAGON DEPARTMENT

AUTOMATIC HUB MORTICES,  
AXLE TURNING LATHE,  
AND BOARD PLANER.





Lithographers, GIES & CO. Printers. Buffalo, N.Y.



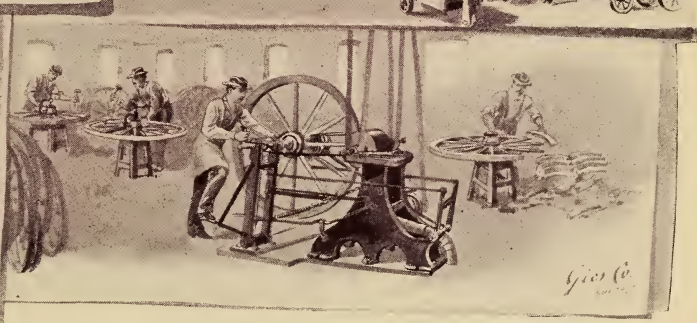
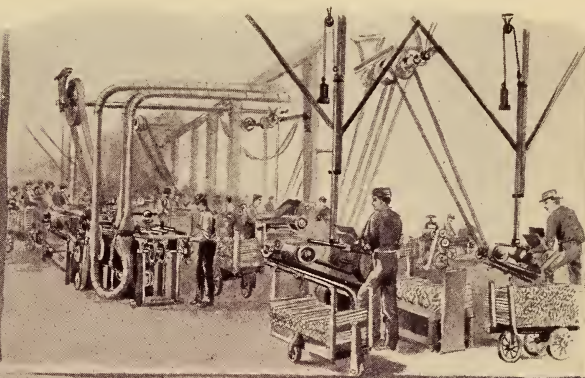
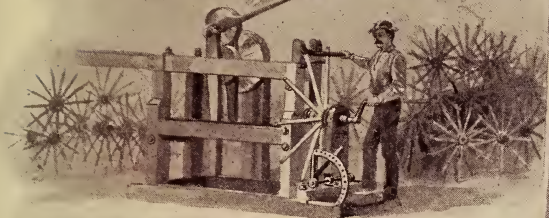
GRAY-POWER

STUDEBAKER PLATFORM EXPRESS WAGON.

No. 345.



WHEEL ROOM AND  
ELECTRIC BAND WELDING,  
STUDEBAKER WORKS

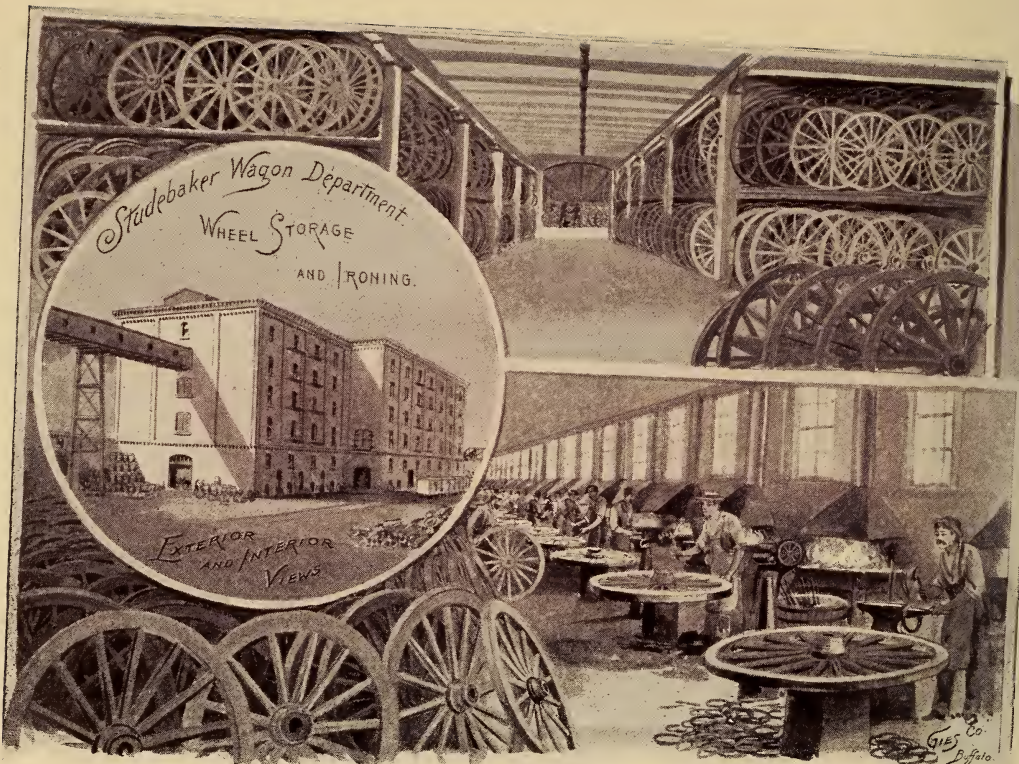




Stadebaker Wagon Department  
WHEEL STORAGE  
AND IRONING.



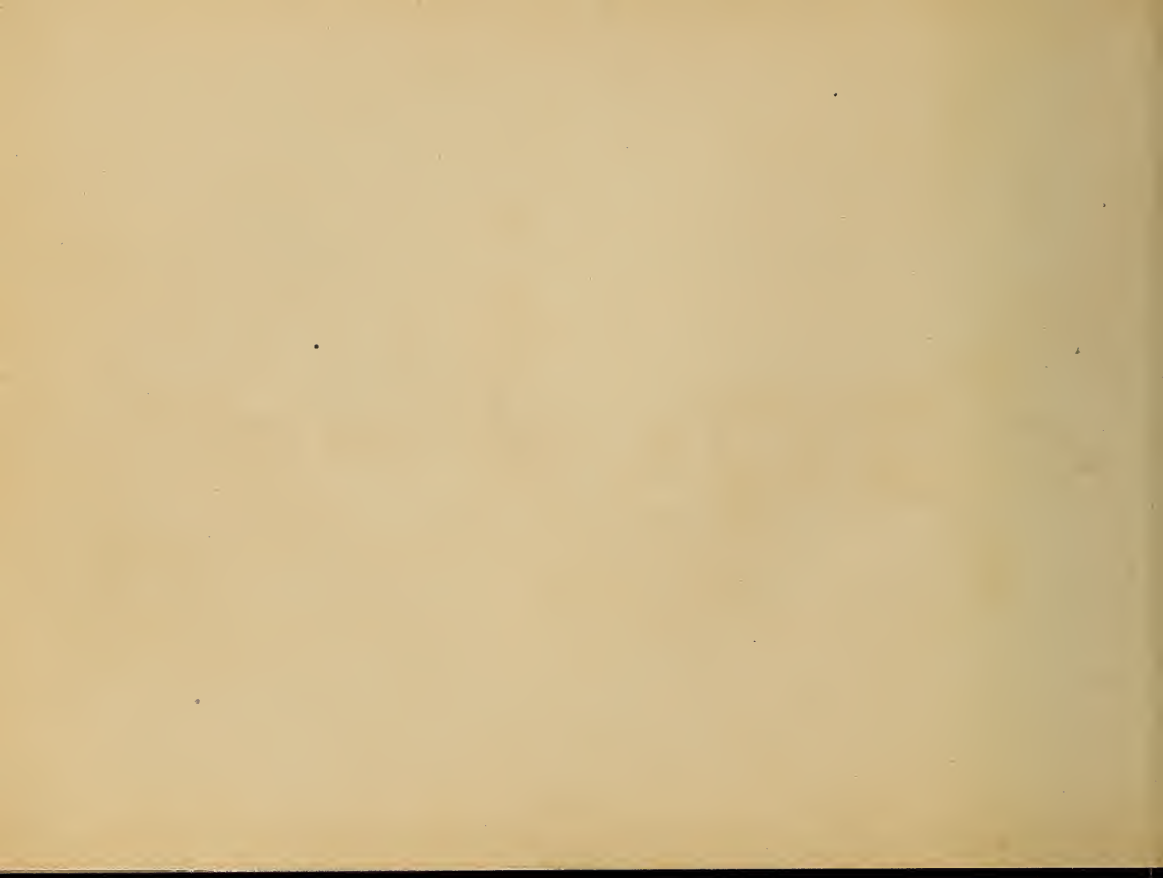
EXTERIOR  
AND INTERIOR  
VIEWS

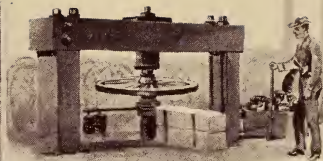
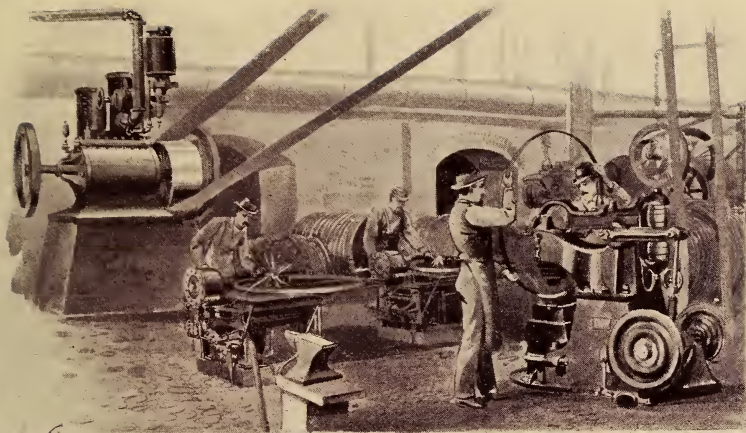


GIES CO.  
Buffalo.



CABRIOLET.



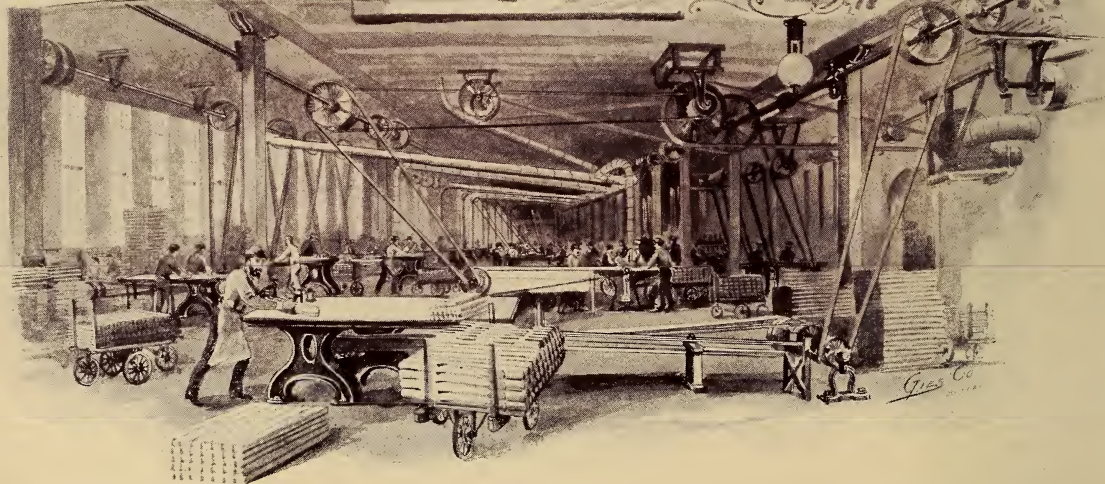
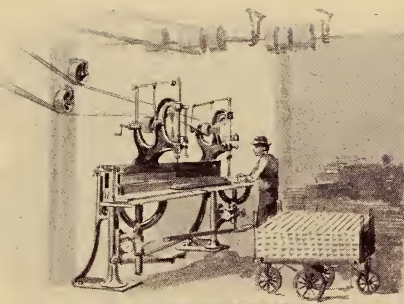


*STUDEBAKER*  
WAGON DEPARTMENT.

*ELECTRIC TIRE WELDING,  
TIRE SETTING,  
AND HYDRAULIC WHEEL BOX PRESS.*





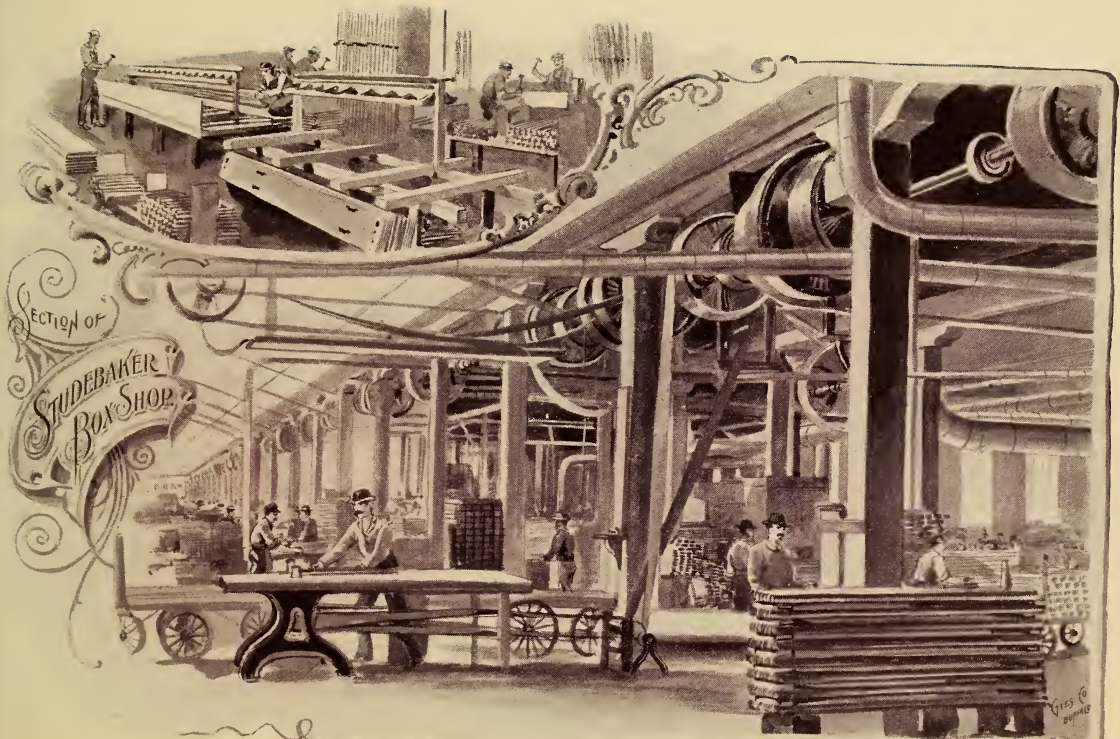




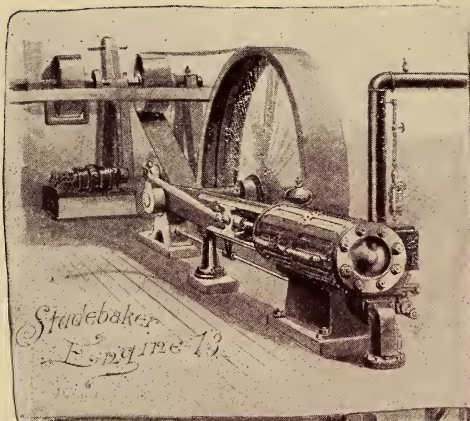
HUNTING TRAP.



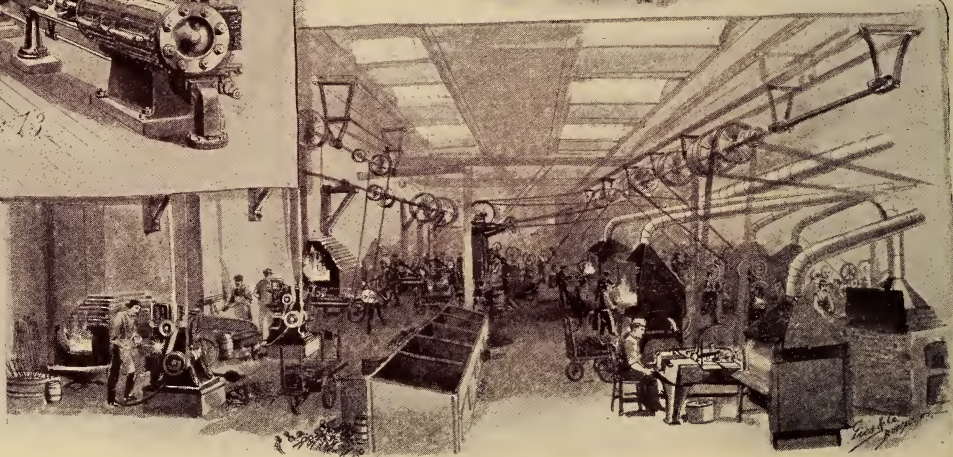


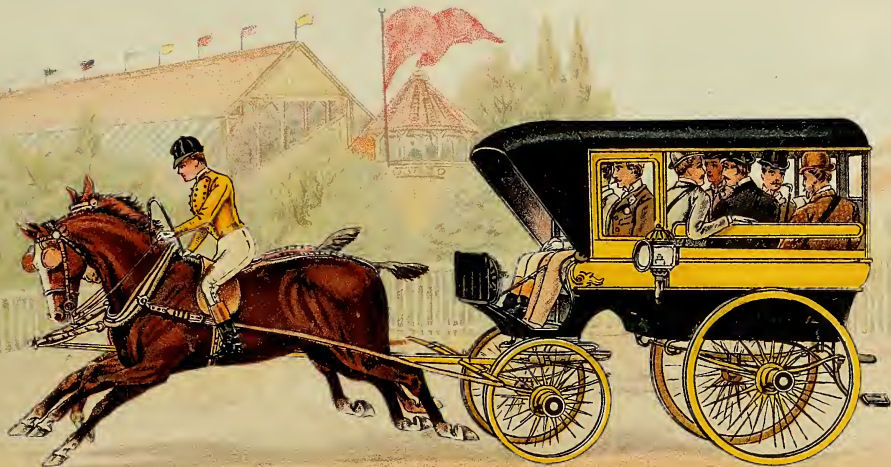


STUDEBAKER  
BOX SHOP



STUDEBAKER  
FORGING  
DEPARTMENT.

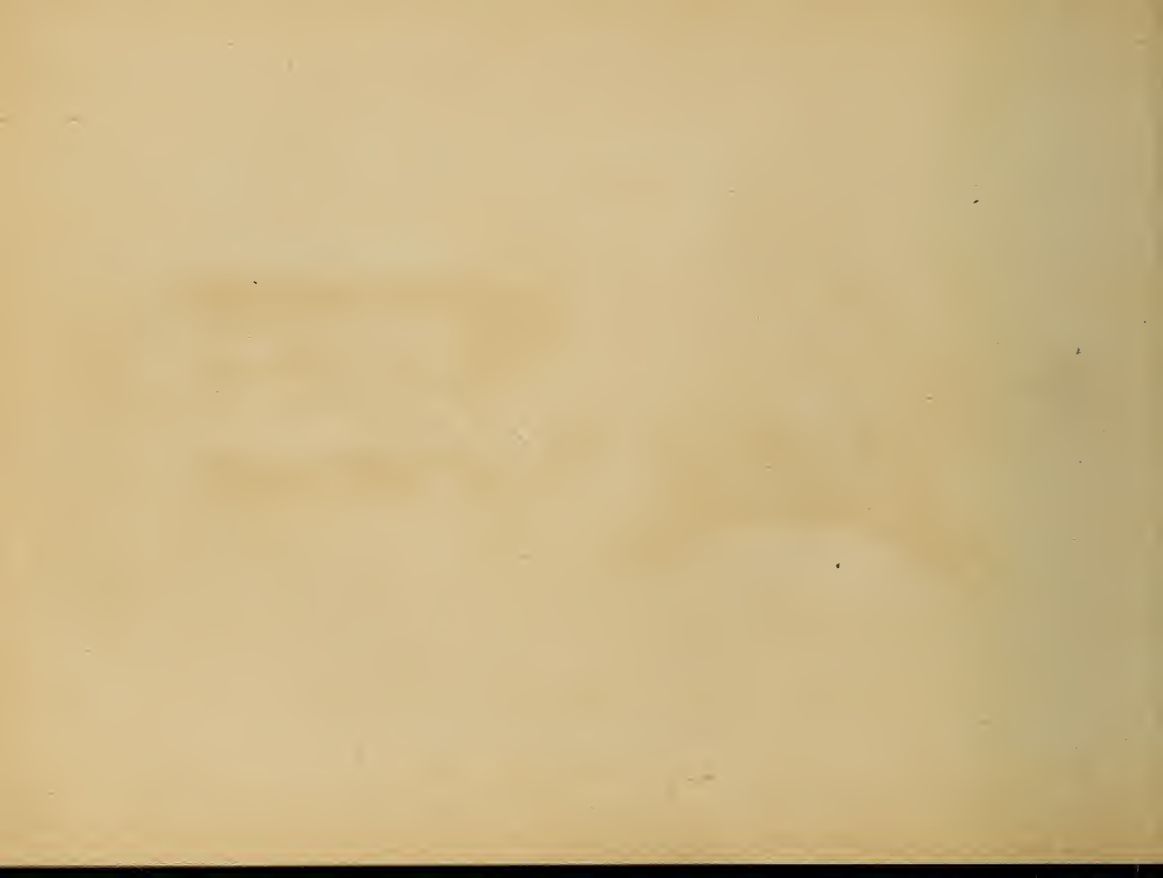




GRAY-PARKER

STUDEBAKER WAGONETTE.  
NO. 310.





STUDEBAKER WAGON DEPARTMENT

PUNCH, SHEAR,  
AND HAMMER ROOM



Geo. Co.  
BUFFALO

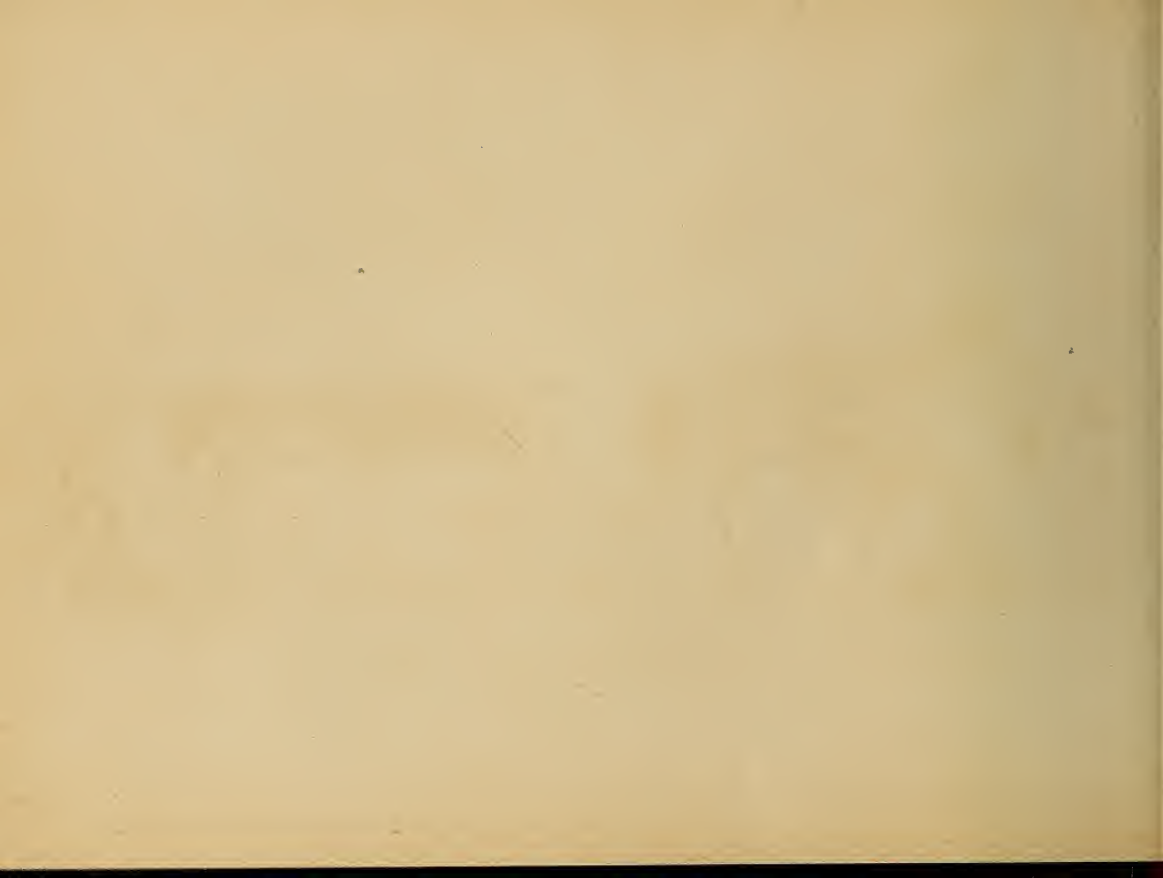






STUDEBAKER THREE-SPRING EXPRESS WAGON.

No. 340.





9167 C  
*Studebaker*

WAGON DEPARTMENT

*BLACKSMITH SHOP.*

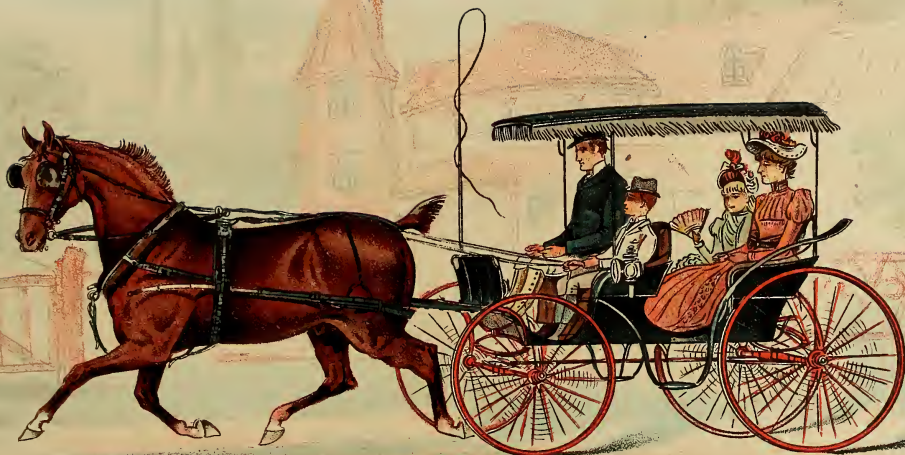




STUDEBAKER  
FARM WAGON  
PAINT SHOP.

G. W. CO.  
BOSTON





CANOPY-TOP SURREY.





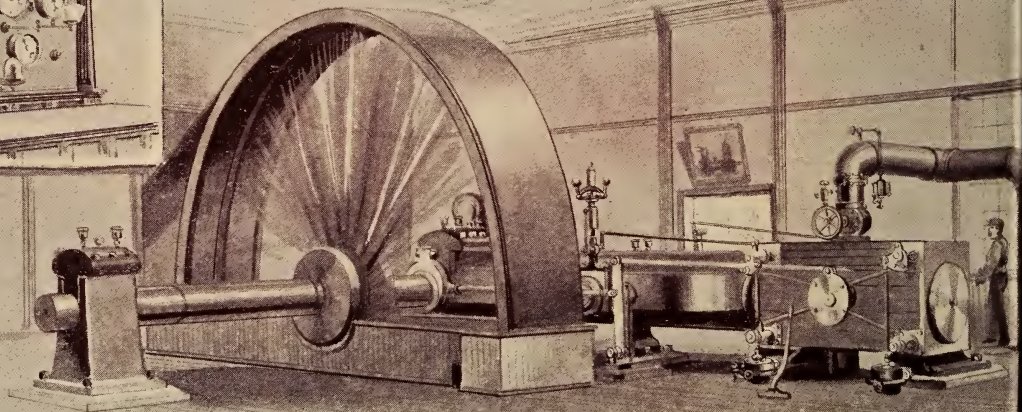
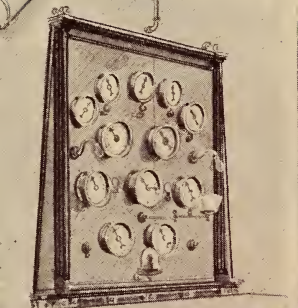
GIES & Co. BUFFALO, N.Y.

STUDEBAKER  
WAREHOUSES  
AND SHIPPING  
FACILITIES



# STUDEBAKER SPRING VEHICLE DEPARTMENT.

## ENGINE ROOM.



GIES & CO.  
BUFFALO



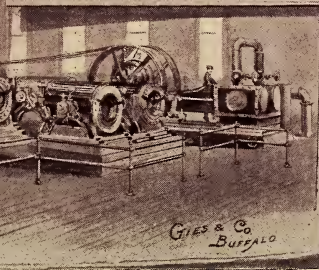
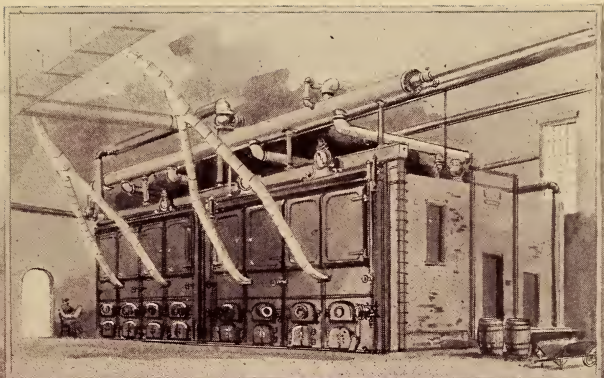
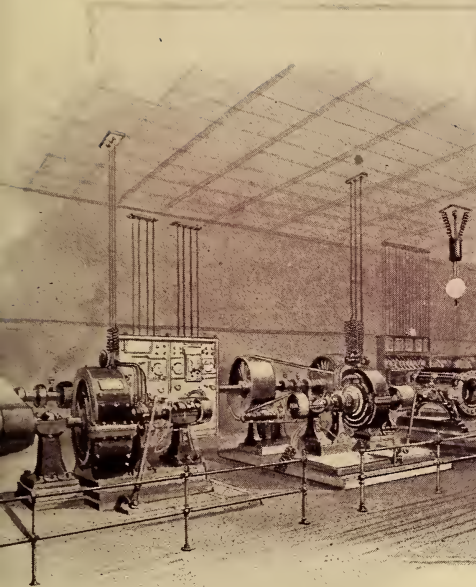


STUDEBAKER THREE-SEAT MOUNTAIN WAGON.

NO. 122



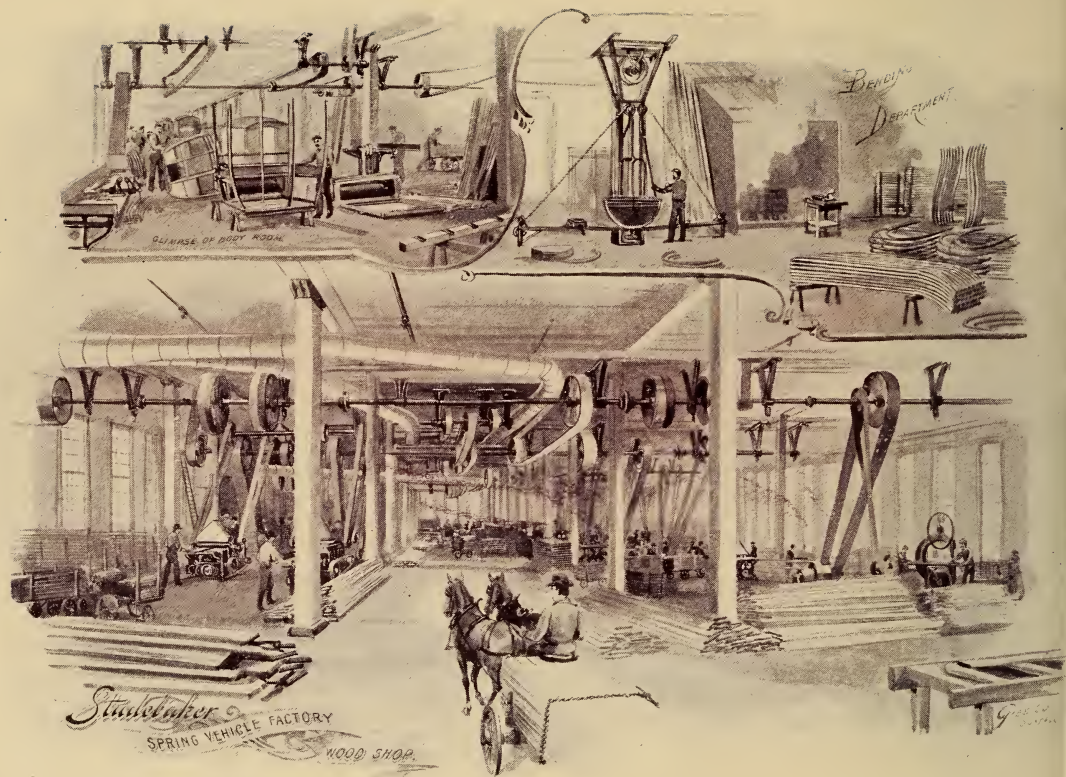




GIES & CO  
BUFFALO

STUDEBAKER  
SPRING VEHICLE BOILER ROOM.

AND  
STUDEBAKER  
Electric Dynamo Room  
FOR  
Power, Light  
AND  
Welding



FINISHED BY THE  
LUGES  
COURTAIN

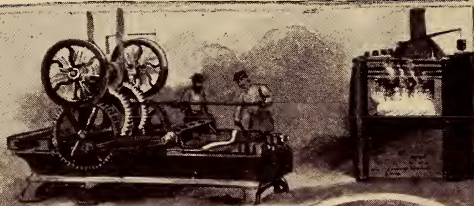


BROUGHAM.









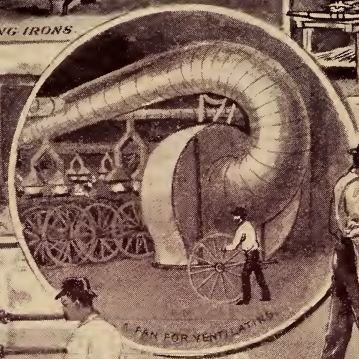
PRESS FOR FORMING IRONS.



SETTING UP ROOM.



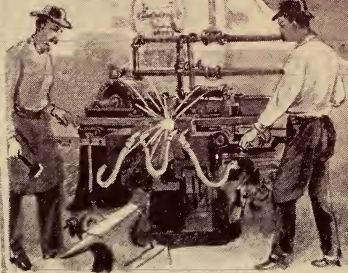
THE PROPER WAY OF SETTING A TIRE.



FAN FOR VENTILATING.



ELECTRIC WELDING.



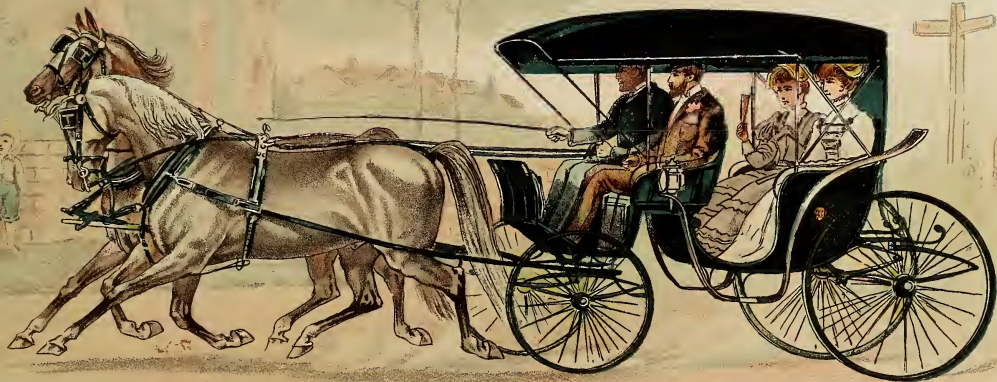
ELECTRIC AXLE WELDING.



SECTION OF POLISHING AND GRINDING ROOM.

STUDEBAKER SPRING VEHICLE DEPARTMENT.

GIES CO. BUFFALO

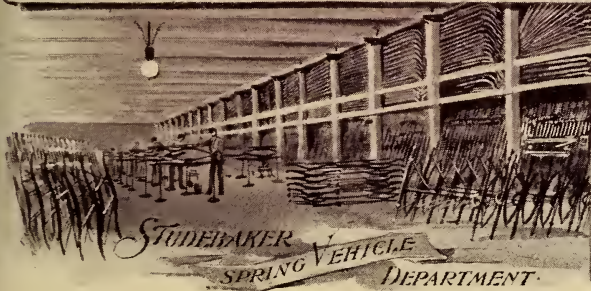
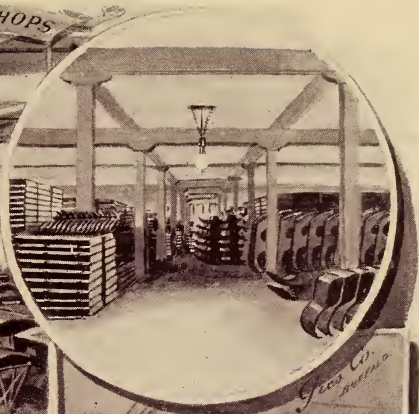


EXTENSION-TOP PHAETON.





GLIMPSES OF TRIMMING & PAINT SHOPS



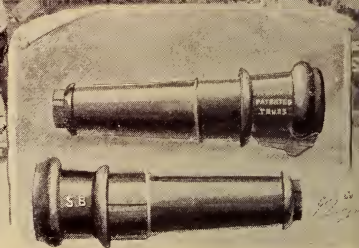
STUDEBAKER  
SPRING VEHICLE  
DEPARTMENT







STUDEBAKER  
CAST IRON  
FOUNDRY





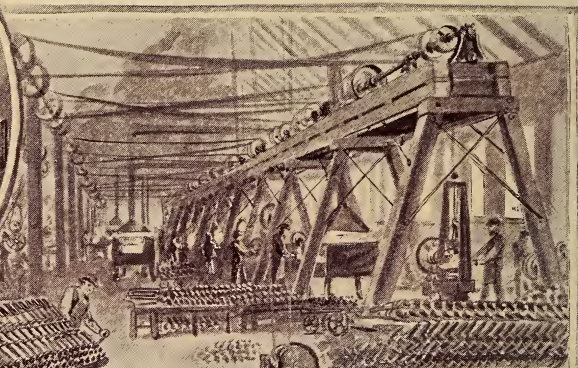
STUDEBAKER FARM WAGON.

No. 4.

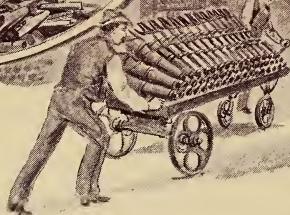




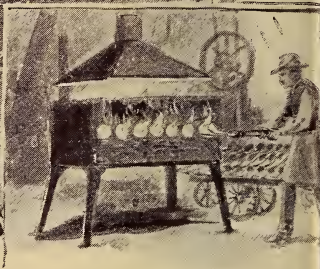




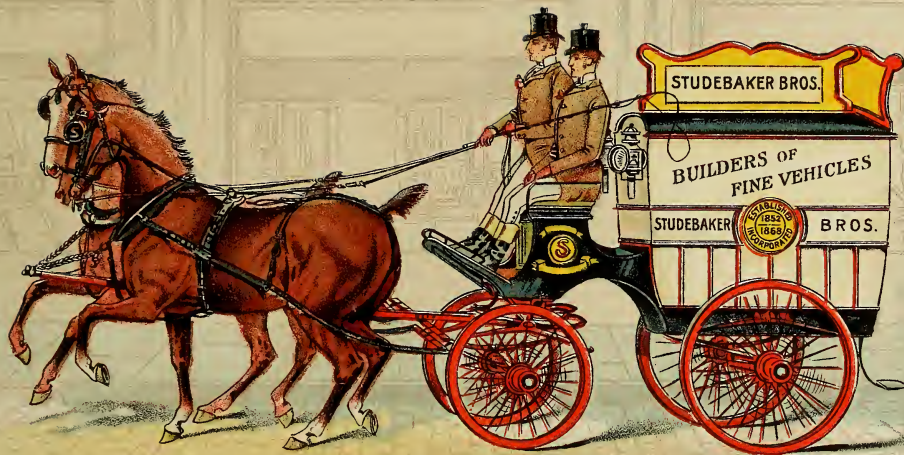
Gies & Co.  
Buffalo.



Studebaker  
Steel Sheaf  
Department.



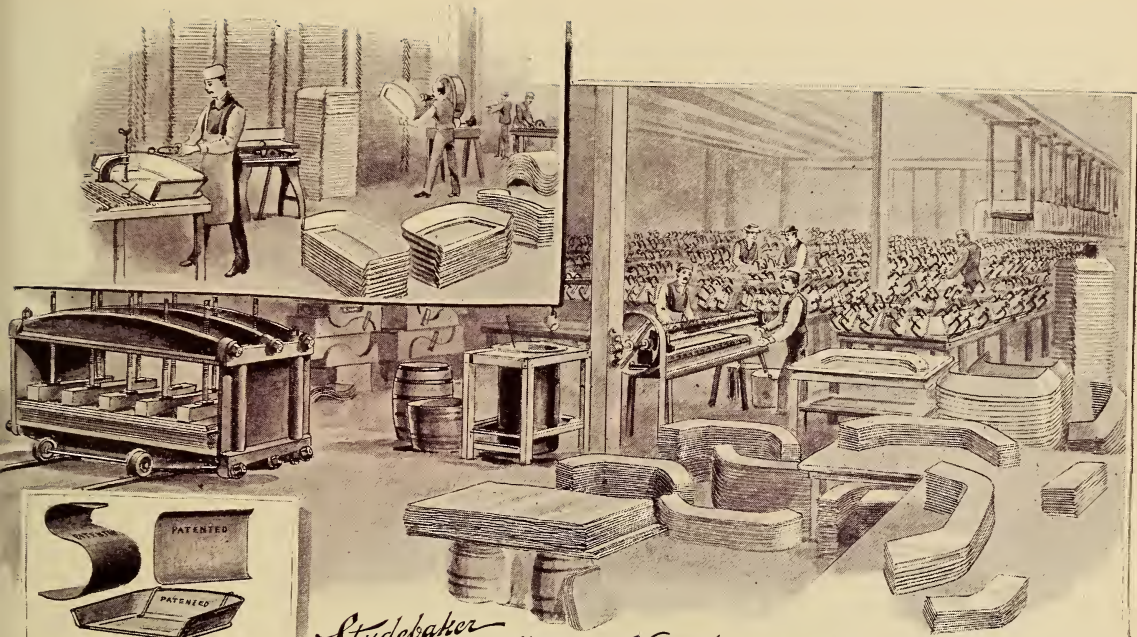
STUDEBAKER BROS.



STUDEBAKER PATENT PARCEL WAGON.

No. 187.





*Studebaker  
Combination Seat & Veneer Department.*





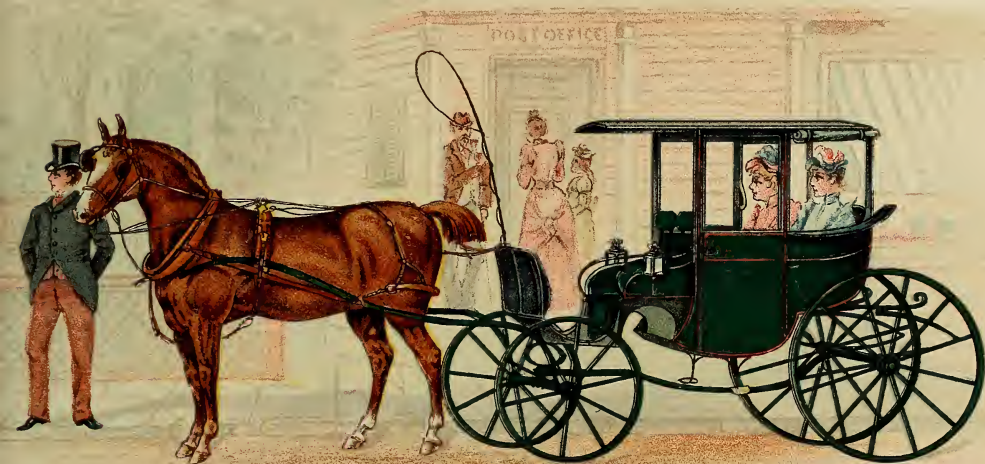
*Studebaker*

SPRING MAKING

DEPARTMENT

CHAS. CO.

BUFFALO



CURTAIN ROCKAWAY.







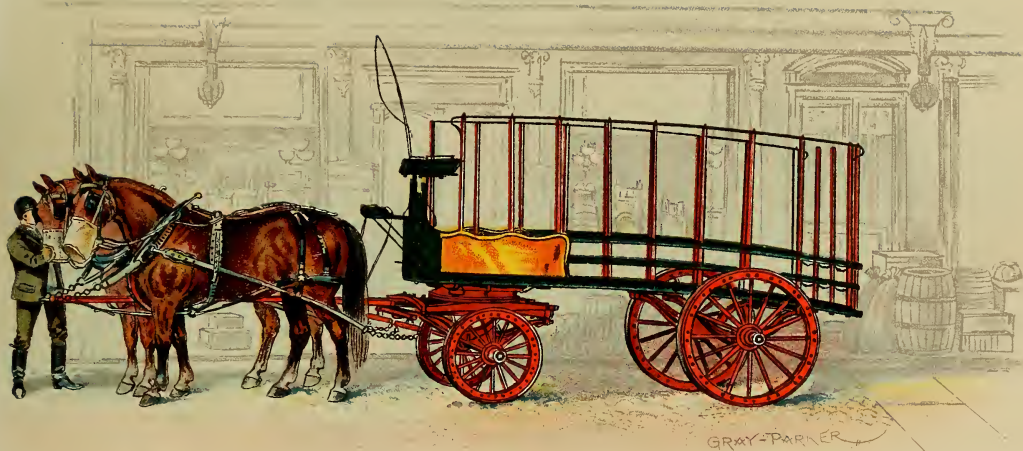
ENGINE & SECTION  
OF MACHINE SHOP.

STUDEBAKER WORKS.

GIES CO.  
BUFFALO



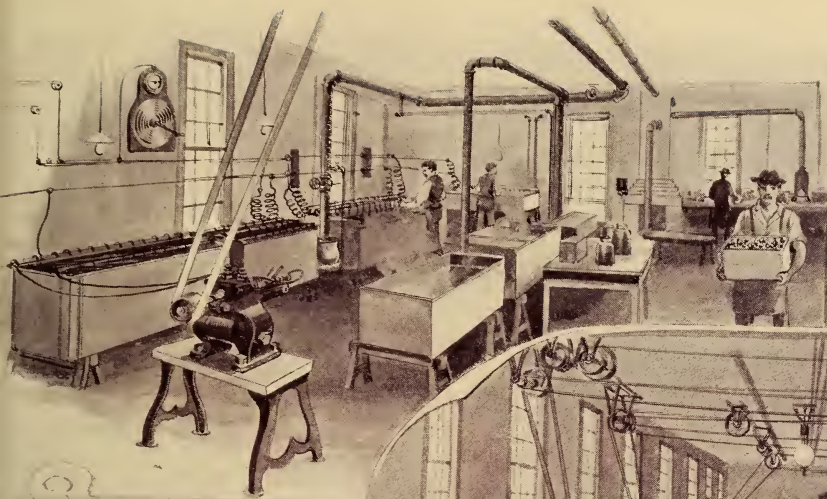




STUDEBAKER PLATFORM SPRING TRUCK.

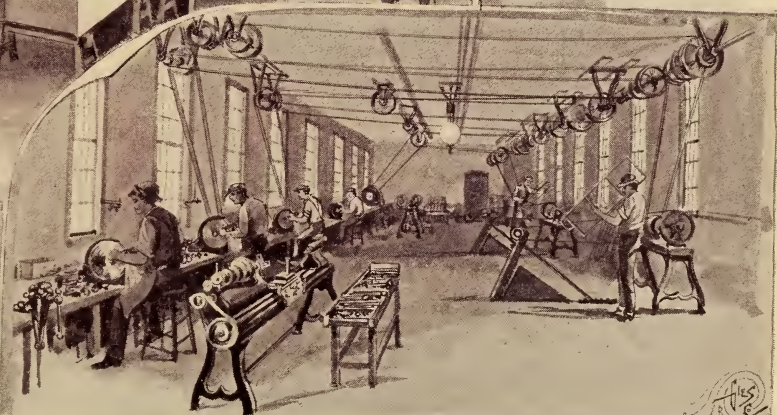
No. 281.



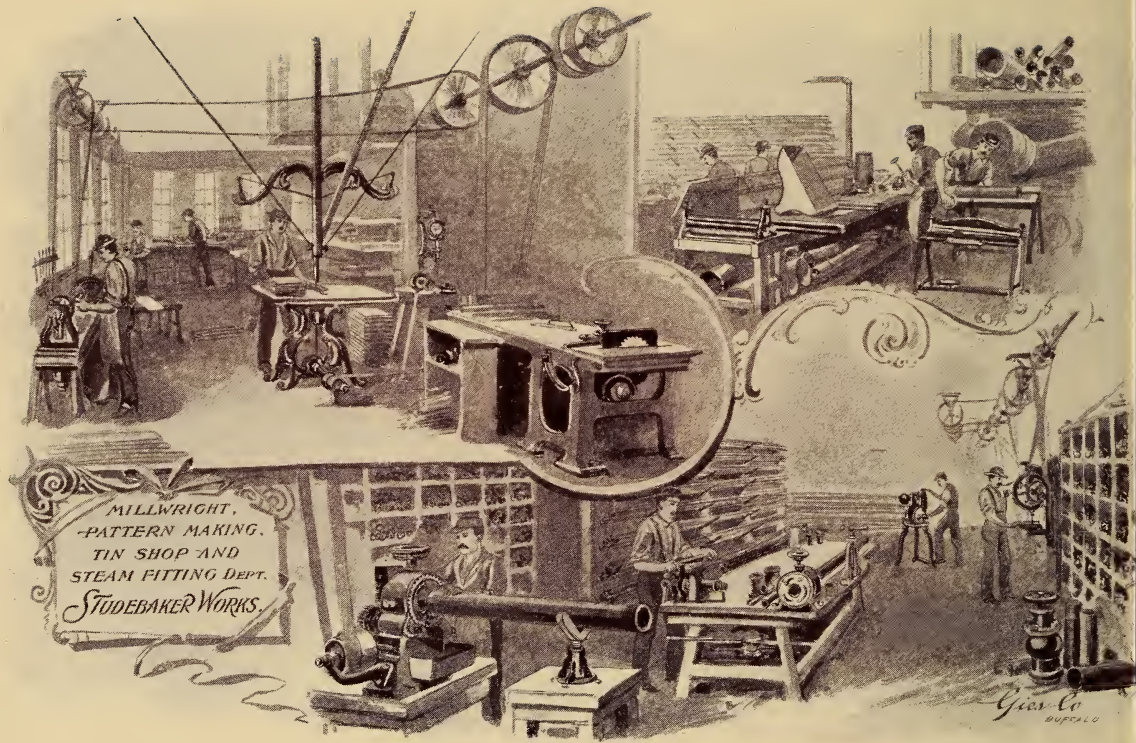


STUDEBAKER  
ELECTRO  
PLATING

POLISHING  
& GRINDING  
ROOMS.





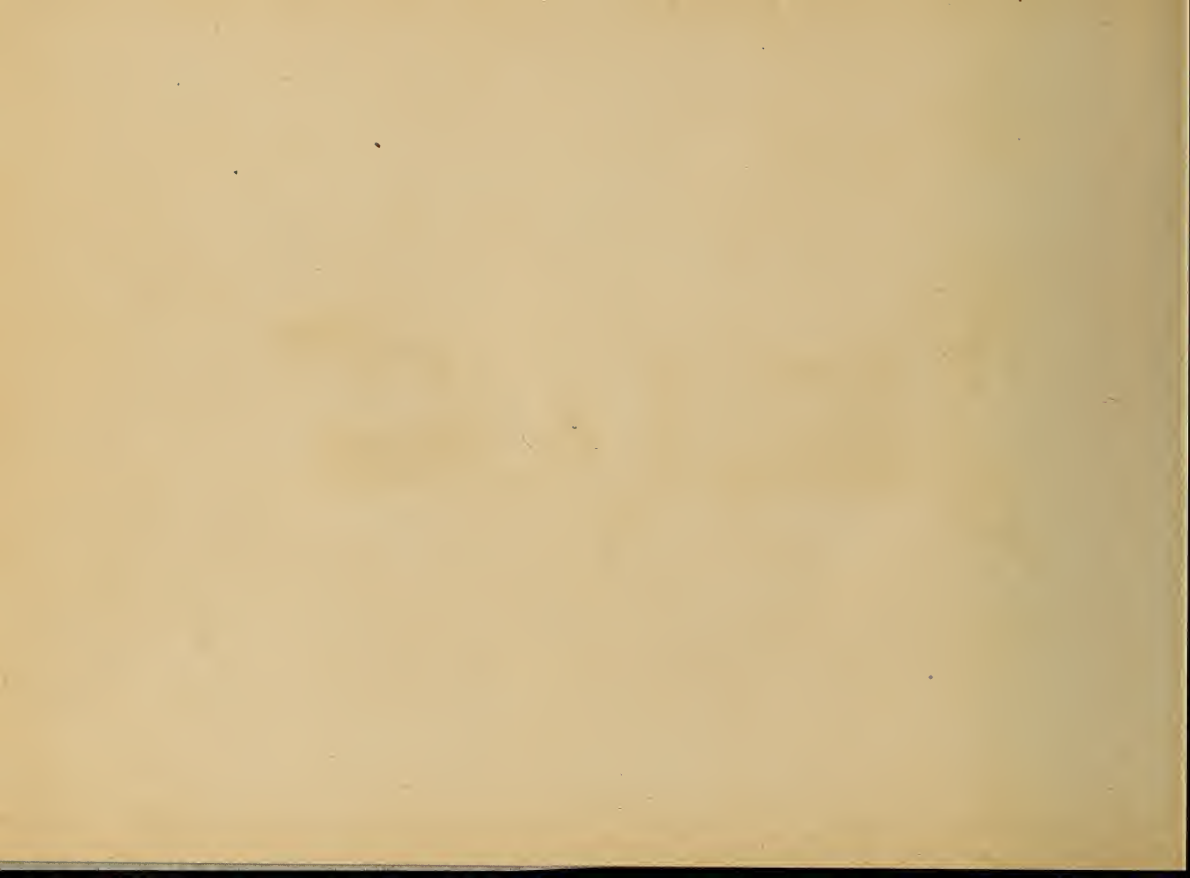


MILLWRIGHT,  
PATTERN MAKING,  
TIN SHOP AND  
STEAM FITTING DEPT.  
*STUDEBAKER WORKS.*

*Gies & Co*  
BUFFALO



MAIL BUGGY.





GIES & CO. BUFFALO

Studebaker-  
LUMBER YARDS.  
NO ONE & TWO  
CONTAINING 2643 ACRES.





STUDEBAKER LUMBER YARDS

Nos 3, 4, 5, 6 & 7

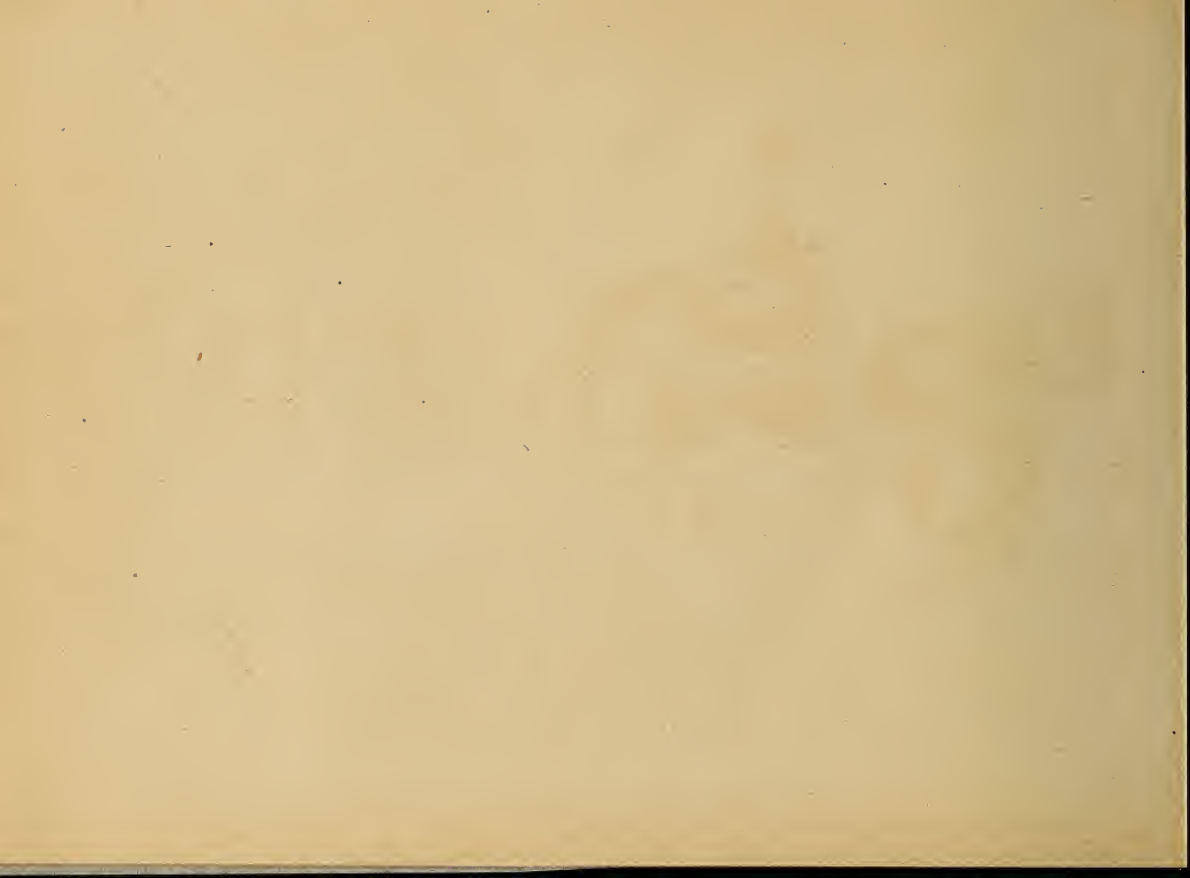
CONTAINING 80 1/2 ACRES.

Gins & Co.  
BOSTON



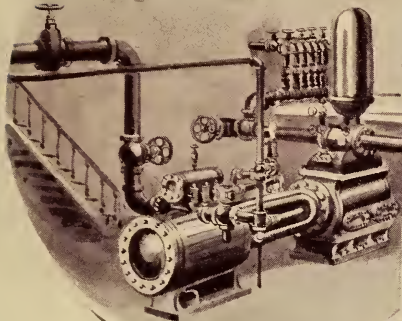
STUDEBAKER PATENT "LITTLE GEM" SPRINKLER.

NO. 414.



WATCHMAN'S TOWER

AND  
FIRE PUMP HOUSE

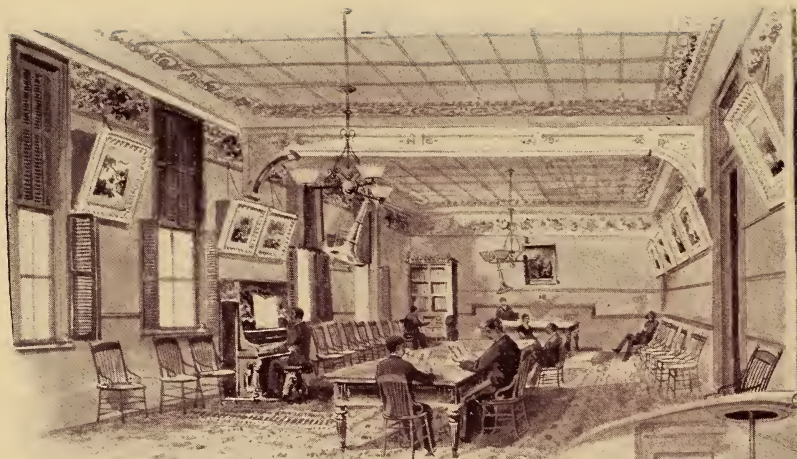


AND FIRE PUMP.

Gras Co.  
Chicago



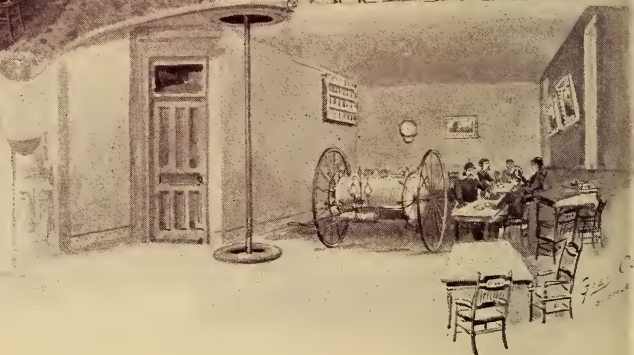




INTERIOR

*Studebaker*

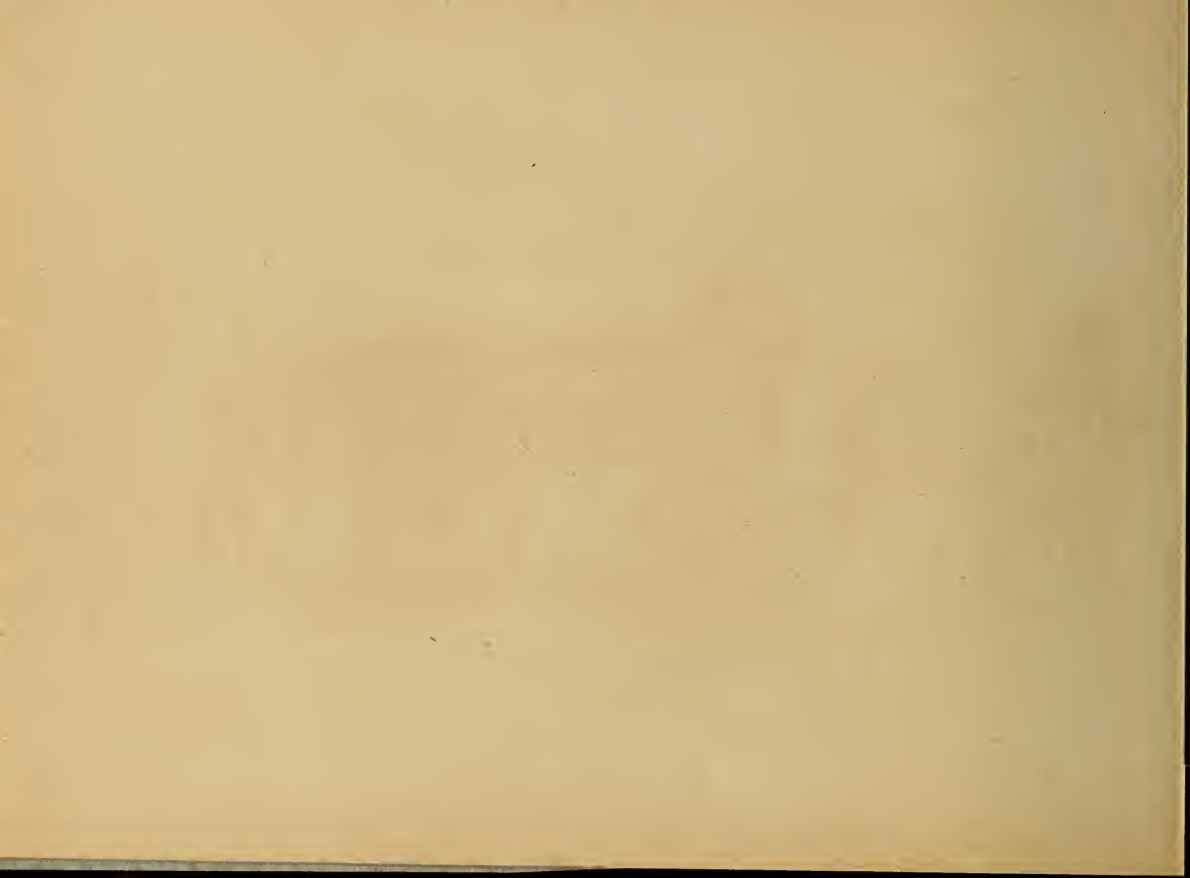
FIRE DEPARTMENT





STUDEBAKER PLATFORM SPRING COAL WAGON.

No. 481.





OFFICE

VIEWS OF

STUDEBAKER

CARRIAGE WORKS.

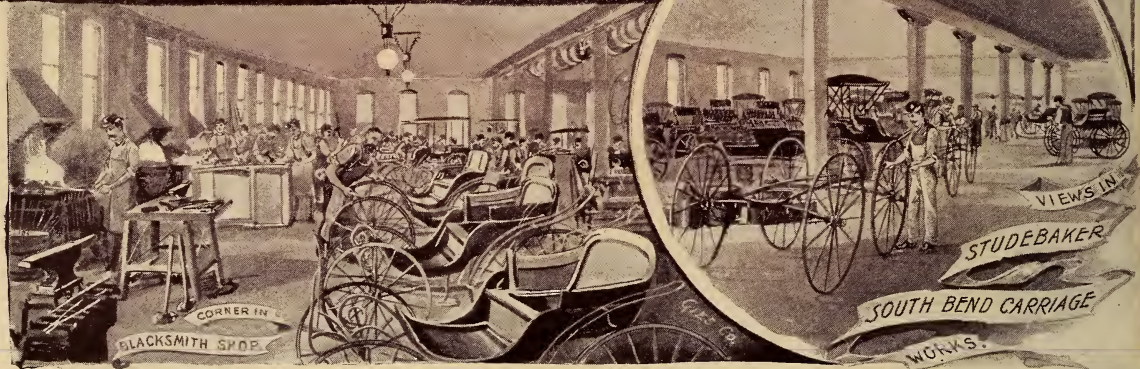
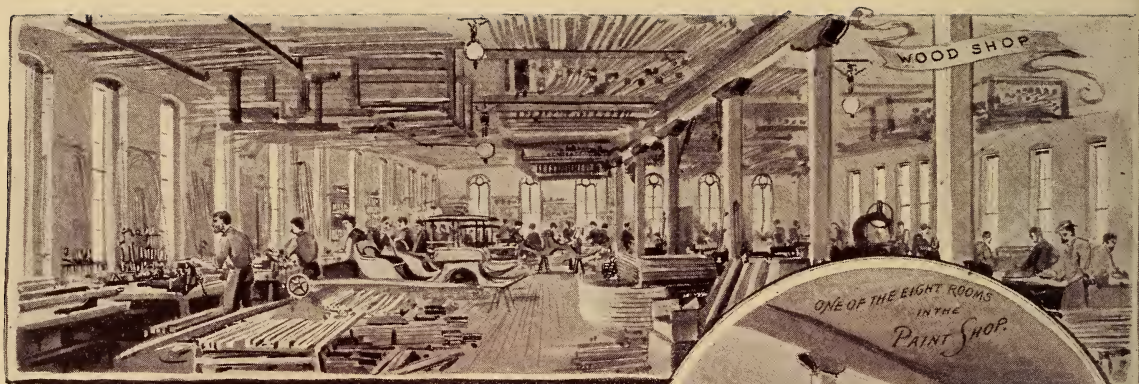
SOUTH BEND, IND.



TRIM ROOM

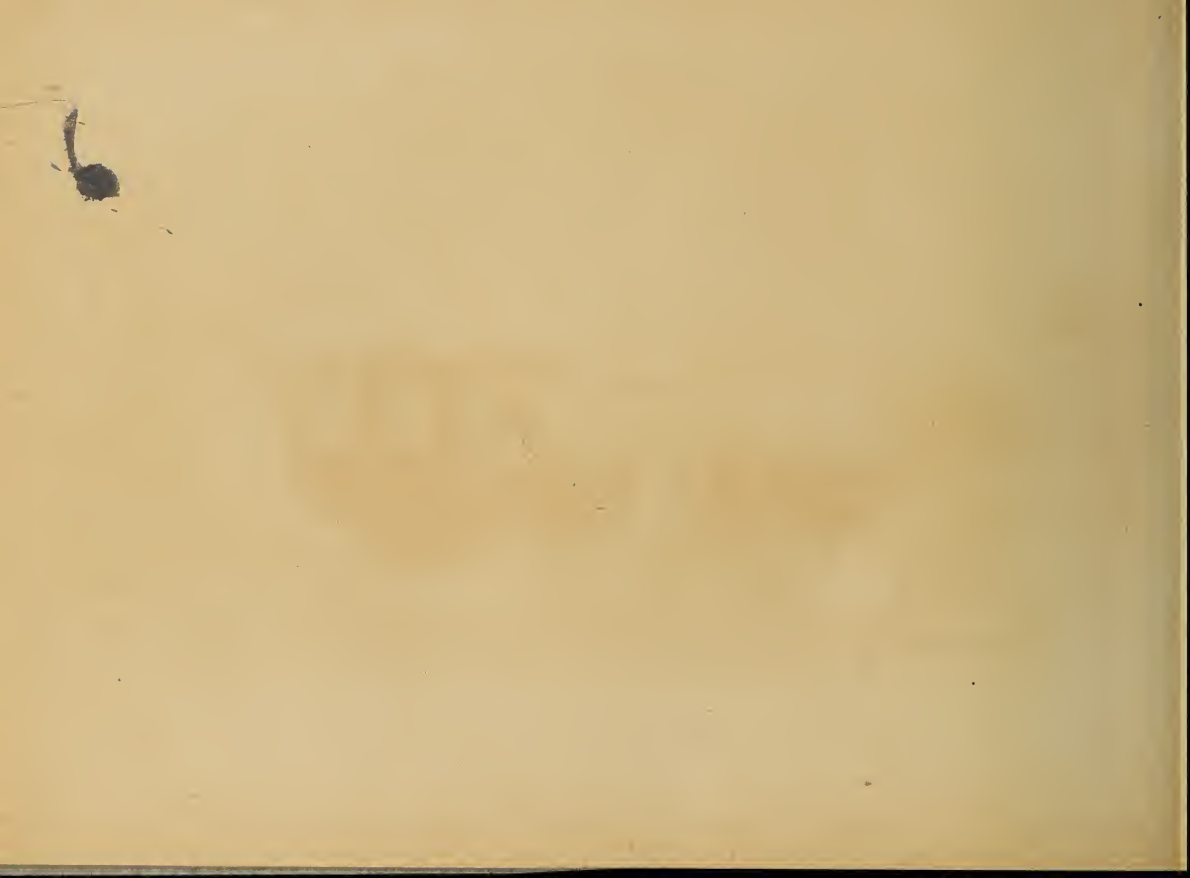
Gies Co  
CHICAGO







COUPE ROCKAWAY.





FOUR-IN-HAND BREAK.



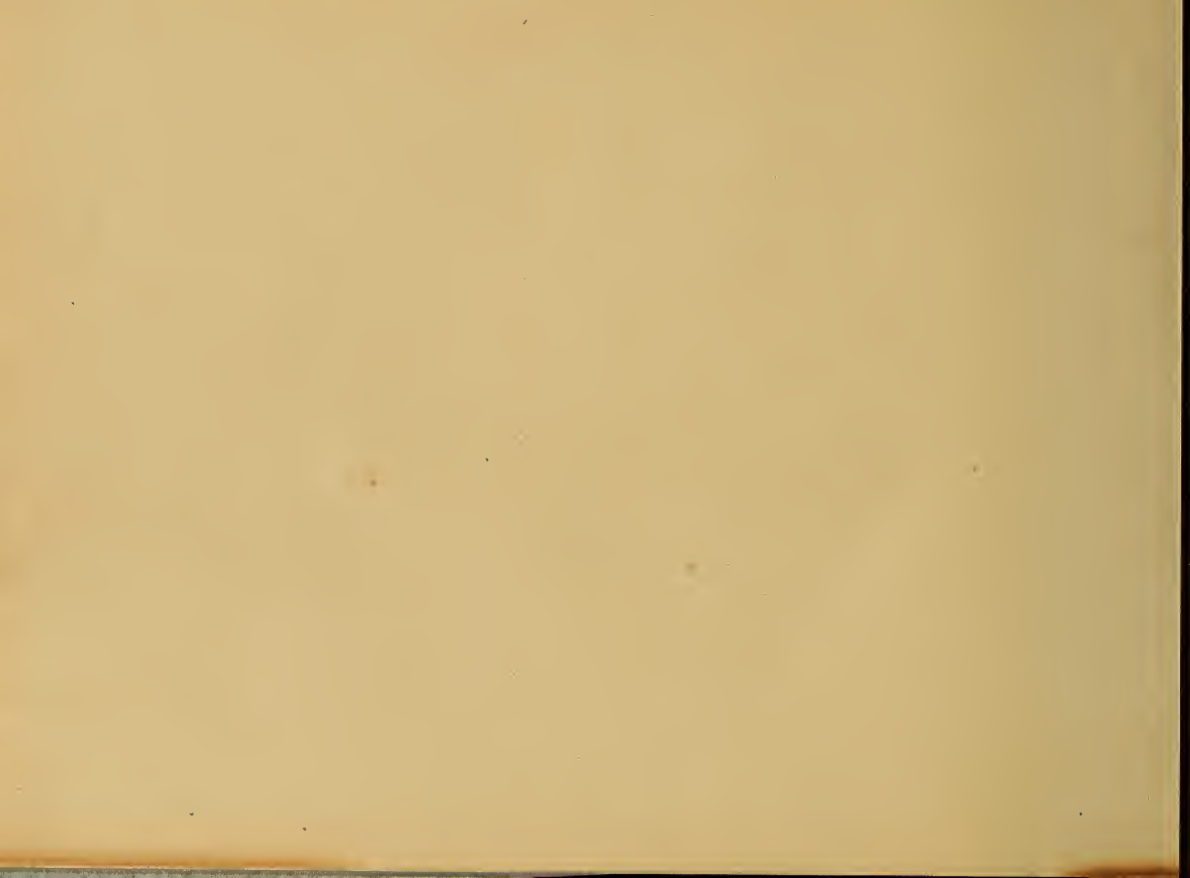
H 117 80



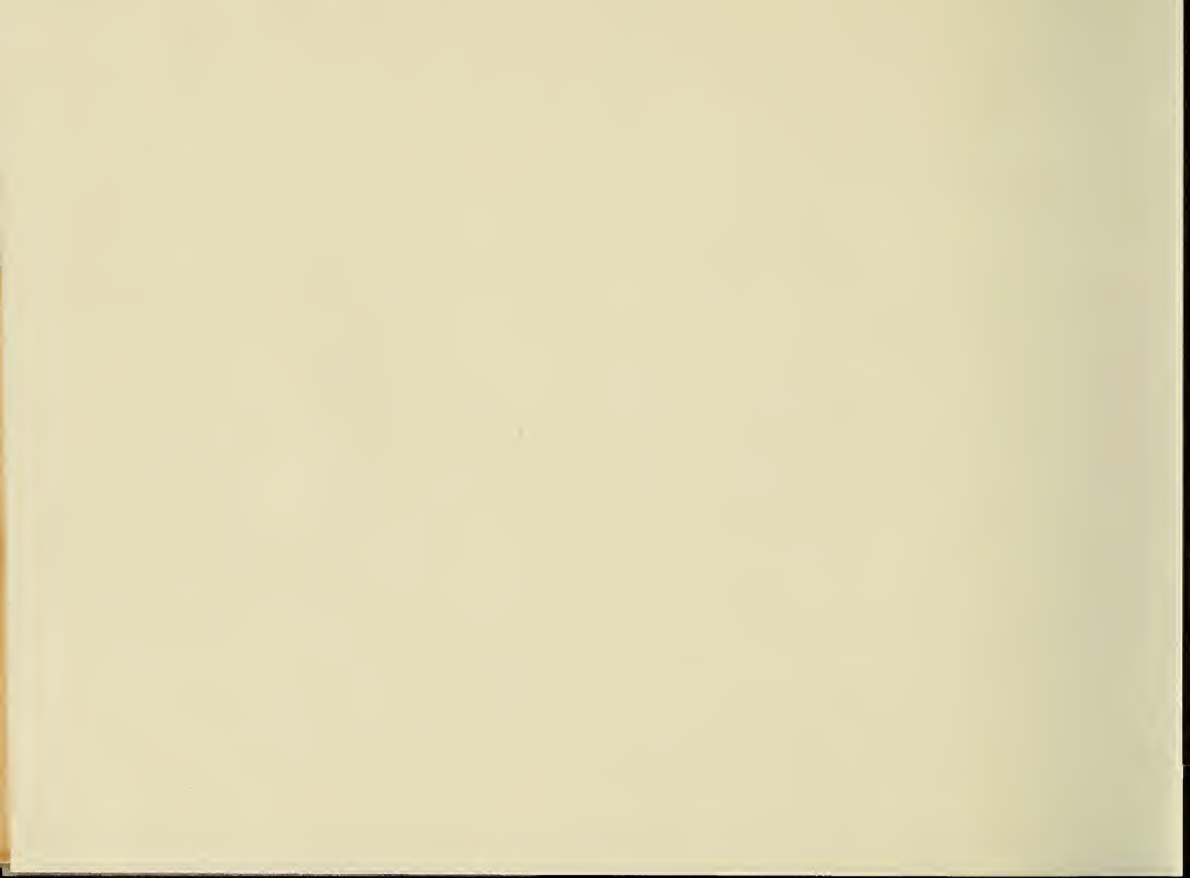


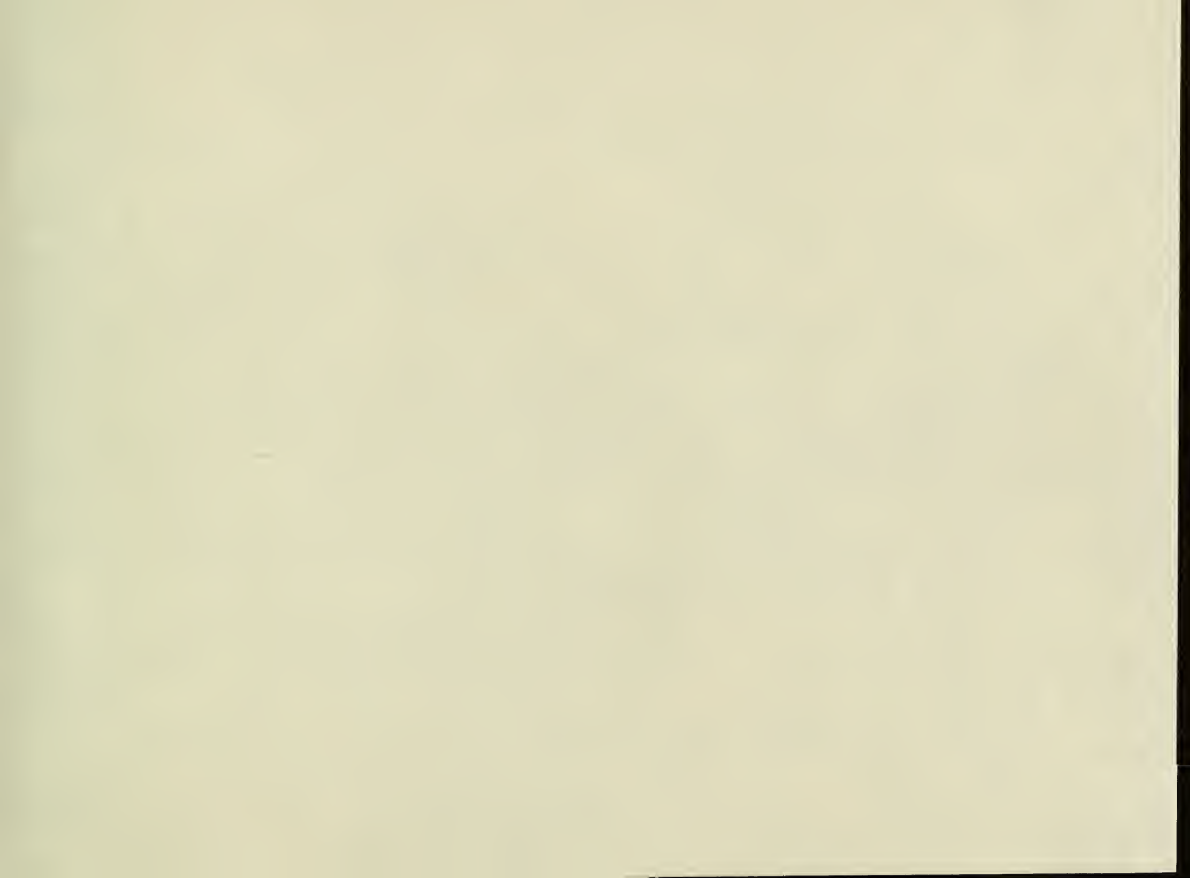


















APR 80



N. MANCHESTER,  
INDIANA 46962

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